

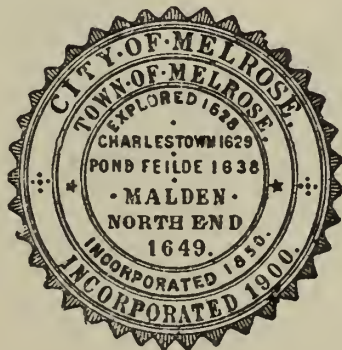
CITY OF MELROSE  
MASSACHUSETTS

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Annual Reports  
1912

WITH

Mayor's Inaugural Address  
Delivered January 1st, 1912



PUBLISHED BY ORDER OF THE BOARD OF ALDERMEN,  
UNDER THE DIRECTION OF THE CITY CLERK

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MELROSE, MASS.  
THE MELROSE FREE PRESS, INC.

1913

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CHARLES E. FRENCH  
MAYOR



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**INAUGURAL ADDRESS**  
—OF—  
**HON. CHARLES E. FRENCH**  
**MAYOR OF MELROSE**  
DELIVERED JANUARY 1st, 1912

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*Mr. President, Aldermen, Ladies and Gentlemen:—*



Y the vote of the citizens, I have been called from the ranks, to serve for a brief period as the chief executive officer of the city. In assuming the duties of the office, I wish to thank the people of Melrose for the great honor conferred upon me, and to express my appreciation of the confidence you have shown in me, and the trust you have placed in my keeping. I fully realize the grave responsibility and have solemnly sworn in your presence to serve you faithfully.

Municipal government in the United States is passing through a period of questioning and reconstruction. On all sides there is an awakening of citizenship, and increased interest is being taken in methods of public administration. Changes of governmental forms are being tried in the hope of improving conditions. Often these plans seem to be political attempts to change the personnel of the office-holding class. Whatever may be the cause or the motive, the effect will certainly be the evolution of an improved system of municipal control by the people. Publicity of affairs will arouse the citizens of any community to their responsibilities, and the will of the majority must be accepted as the correct solution of the problem of representative government.

Recognizing the custom of making executive suggestions and recommendations at the beginning of each administration, it would seem wise to proceed along general, rather than specific lines, waiting for experience to test the soundness of preconceived opinions. I accept the duty imposed by a time-honored precedent, reserving the right to change my position if the path be more clearly illumined by the light of experience.

Ten years of active legislative service will soften and harmonize the details of executive policy to legislative requirements. The charter which is our fundamental law, is in no section vague or uncertain. Its commands are positive and no division of responsibility is allowed. All recommendations for legislation must come from the Mayor.

In the conduct of the various executive departments, it will be my endeavor to so systematize the work that you may at any time, with reasonable promptness, get such information as you may need. I shall recommend from time to time any legislative changes found necessary, with the reasons that support them.

While the present financial condition of the city is sound, some of our methods are gradually leading us into paths beset with danger. Each year we add to the burdens of the next, by reducing the amount available under the \$12.00 limit for current expenses, or increasing the interest account, outside the \$12.00 limit. Money paid for interest is an expense for which there is no return, and from the community standpoint, represents absolute waste. Would it not be a fair business proposition where betterments are assessed, or costs divided with individuals, to include the interest charge as part of the cost? I think so.

It is not my intention to burden you with the consideration of a long array of figures, but rather to suggest the results obtained by studying them with some care. A comparison is made of the years 1901 and 1911. The year 1901 is taken instead of 1900 because the fiscal year of 1900 extended over a period of 13 months.

	1901	1911
Total valuation.....	\$14,890,765.00	\$16,897,625.00
The net bonded debt for which Sinking Funds are required is as follows:		
Net School House Dept.....	\$181,454.97	\$121,161.09
Net Sewerage Debt.....	261,713.38	161,041.64
City Hall Debt.....	45,000.00 (Surplus)	1,119.31
Net Water Debt.....	203,237.88	88,675.68
Surface Drainage Debt.....		93,919.40
Total.....	<hr/> \$691,406.23	<hr/> \$463,578.50

## SERIAL BONDS.

Auditorium Bonds.....		\$45,000.00
Water Bonds.....		53,000.00
Park Bonds.....		12,000.00
Municipal Loans, Notes.....		22,700.00
Permanent Loans, Notes.....		56,471.86
		<hr/>
		\$189,171.86
Less premiums.....		1,735.70
		<hr/>
		\$187,436.16
Total Bonds and Notes.....		\$651,014.66
Municipal Notes due in 1912...		\$24,900.00
Permanent Loan Notes due in 1912.....		22,461.86
Serial Bonds due in 1912,		
Water.....	\$5,000.00	
Auditorium.....	3,000.00	
Park.....	1,500.00	\$9,500.00
		<hr/>
		\$56,861.86
Amount available in 1912 under \$12 tax limit.....		\$201,680.10
Borrowing Capacity for 1912.		\$126,147.53

Our schedule of city property showed in 1901 a valuation of \$1,582,327.26; in 1911 it shows a valuation of \$1,877,323.92. Our net assets in 1901 were \$805,921.03, and in 1911, \$1,538,924.77.

In this connection, I submit for your consideration the distribution of the tax rate of \$16.20 in 1901, and of \$20.40 in 1911.

	1901	1911
City Tax, including Interest on Loans and Sinking Funds.....	\$14.24	\$16.37
County Tax.....	.65	.63
State Tax.....	.25	1.14
Metropolitan Sewer Tax.....	.65	.92

Metropolitan Park Tax.....	.41	.69
Charles River Basin Tax.....	.00	.24
Overlay.....	.00	.41
	<hr/>	<hr/>
	\$16.20	\$20.40

These figures show that in 1901 we paid for State, County, and Metropolitan assessments, \$1.96 per thousand of valuation, and in 1911, \$3.62 per thousand. Therefore, of the \$4.20 per thousand increase in the tax rate during the past eleven years, \$1.66 is caused by assessments over which we have no control, leaving an actual increase for city purposes of \$2.54.

I have said we have no control over the assessments made by the County and State. It is true that a decrease in the assessed valuation would decrease these assessments, but would also decrease the amount allowed by law for running expenses. Suppose the valuation were placed at that of 1901; the needs of the School Department alone would require \$7.00 of the \$12.00 allowed by law for current expenses, leaving an amount insufficient to pay the ordinary fixed charges.

The question of taxation, hedged in as it is by statute law, leaves the municipality in a dilemma from which it can be relieved only by the exercise of almost perfect judgment. Mr. President, I respectfully urge upon you and your honorable Board, a careful consideration of this problem. It is of paramount importance, upon its proper solution rests the welfare of the city.

The appropriations once made, it is my duty to see that every dollar expended brings in return its complete value to the community. I have this evening sworn to do this, to the best of my ability.

There are deficiencies on the books of the Treasurer that should be taken care of by immediate legislation, as they are annually adding to the interest account.

A cemetery deficiency of \$8,653.36, long standing on the Treasurer's books by an act of questionable book-keeping under the town form of government;

A street sprinkling deficiency of \$3,318.10, made by expenditures in excess of the assessments, and

A deficiency of \$7,403.58, caused by tax takings authorized by the city, but for which no proper financial provision has been made.

There are also minor deficiencies which can be absorbed in the next annual appropriations.

The three mentioned above should be taken care of this year by legislation, as there is no other way to correct them.

### **Highway Department.**

While our highways have shown some improvement, I believe their condition is not as good as might be expected from the amount of money appropriated during the past few years. The fixed charges of the Department are too high for the amount appropriated, leaving too small an amount for the actual work done. It will be my endeavor to correct this condition. The policy of skimming over our streets, while of temporary advantage, is not in the interest of true economy. The work should be of a more permanent nature, even if less must be done. The good streets we have should not be allowed to deteriorate, and others should be put in proper condition, as rapidly as our finances will permit. Good sidewalks and edgestones are appreciated by our citizens, and appropriations for their construction and care should be liberally treated and effectively spent. In all cases where individuals are willing to pay a share of the expense, such persons should always find the city prepared to supply its half.

In the acceptance of new streets care should be exercised that they be built to meet the requirements of a high standard, and should be accepted only under these conditions. We have 45 miles of public streets. To properly care for them, every dollar appropriated must bring in return its full productive value.

### **Parks and Public Grounds.**

The parks and public grounds are set aside for the common use of all our people, and this fundamental fact should be



the guiding influence in their development. Facilities and conveniences should be arranged for rest, recreation, and exercise, amid surroundings that will tend toward a moral and physical uplift for the community.

The city having voted to establish a Park Commission, we are in a measure committed to the immediate improvement of our park land. It will be my duty, as well as my pleasure, to assist in carrying out the will of the people as expressed at the polls. I am convinced, however, that a careful plan should be made covering every detail, that all money expended may bring its proper return.

The improvement of Ell Pond Park should be continued steadily, aiming to complete the work within a reasonable time. An amount should be appropriated each year that can be financially assimilated without undue burden on the taxpayers. No plan of improvement will be adequate, unless it contemplates ultimately the acquiring of the ice house properties on the shore of the pond; but in my opinion, no takings should be made until the properties can be obtained for their physical value. This I am convinced, will come about in due time, and need not be immediately considered.

### **Water Department.**

The Water Division of the Public Works Department should not only be self supporting, but should also provide money enough to meet the requirements of the Water Sinking Fund. It would appear from the condition of the Water Account, which shows a deficiency in the operating expenses for the year 1911 of \$3,229.73, that our price for water is too low, or the minimum charge too little. The installation of water meters has satisfactorily regulated the charge made to us by the Metropolitan Water Board. We should be able with the data now at hand, to adjust the rates to cover the necessary charges on the department. Perhaps greater economy of maintenance will be sufficient. If not, then it is our duty to increase the rates to a point that will provide the revenue to meet the requirements. Water consumers should not be indirectly taxed to meet the expenditures of other de-

partments, but should pay the entire cost of water construction and maintenance. No further issue of water bonds should be made unless for construction or economies that will bring an increased revenue sufficient to pay the cost of the work done.

### Sewer Department.

The Sewer Division of the Public Works Department is in a satisfactory financial condition at the present time, but the day is not far distant when appropriations must be made for the Sinking Funds. The amount received from assessments to abutters has thus far been enough to satisfy the legal requirements, but soon we must appropriate for the city's share of the enterprise. As the cost of maintenance is not great, the appropriations for the repairs should be small for some years to come. Bond issues for sewer extensions should be made only to meet actual needs.

In the matter of sewer assessments a more equitable division of the cost would seem advisable. The vote of the town in 1898, making an arbitrary assessment of 20 cents per foot frontage, and 5 mills per foot of area, while sufficient at that time, is now unfair to the city, owing to the increased cost of material and labor. In most cases the city's share of the cost is three times that of the individual. To carry out the intent of the original vote, a reapportionment has become necessary. The following figures are presented in this connection:

The amount spent for sewer construction, and the amount assessed for the same, during the past five years is as follows:

	For Construction	Amount Assessed
1906.....	\$7,922.74	\$3,249.40
1907.....	8,061.00	2,408.56
1908.....	19,650.86	6,793.54
1909.....	6,497.28	718.41
1910.....	9,096.19	3,292.34
Totals..	\$51,228.07	\$16,462.25

which, following the intent of the vote of the town, shows a loss to the city of \$9,151.78 in assessments, during the 5 years covered by the figures.

### **Surface Drainage.**

The plan for surface drainage made during the first year of the city, has proved its value, and your honorable Board has acted wisely in requiring appropriations for this account to be spent along the lines of this plan. The time has arrived for a campaign of unceasing activity to improve the conditions caused by the present level of Spot Pond brook. I believe the engineering problem has been satisfactorily solved by the Commonwealth, but the apportionment of cost suggested is greater for Melrose than is justified, in view of the fact that the conditions are largely due to changes in the drainage area. It is our duty to reopen this question with the Metropolitan Water Board, asking for a more reasonable apportionment. Melrose has paid constantly increasing State and Metropolitan assessments for benefits very remote. Might it not be possible to adjust the cost of this much needed improvement on a basis more nearly reaching the source of the evil? I believe it to be the best method of procedure.

### **Fire Department.**

In the Fire Department I recommend the gradual change to apparatus of the automobile type in the interests of efficiency and economy. The amount paid each year for horses, and the care of same, will easily meet the financial requirements, without increasing the annual appropriation. A well drilled department with quick-acting apparatus, is the proper fire fighting equipment in a community like ours, where the fires are few, and the buildings are of moderate height, and constructed for the most part of wood. We have the personnel, and given the other factors, would have a model department.

### **School Department.**

The operations of the School Committee are not closely connected with our work. The laws of the Commonwealth determine their powers and fix their responsibilities. In their conduct they are answerable, not to us, but to the people, nor is it our privilege to interfere with them in the performance of their duty. The present administration of the department is



in able and worthy hands. Friction has been almost entirely eliminated, and frankness and sincerity are shown in all their dealings with your honorable Board. In your appropriation for school purposes, I recommend as great liberality as the financial condition of the city will allow, in the firm belief that the School Department will finance its affairs in accordance with appropriations made. It is to be borne in mind that we live again in our children, and the very existence of our institutions depends on their fitness to carry on our work.

The heroic action of our Melrose young men on last Saturday, in the hour of emergency, fills us with pride. We can not do too much for such as they. Our institutions are safe in their hands.

### **Public Library.**

The Melrose Public Library has always been in loving hands. It is a source of personal, as well as official regret, that so little money has been available for the use of this department. Year after year, the Trustees have taken our appropriation and used it most effectively, never murmuring at the smallness of the amount, and never exceeding the appropriations made. May the day soon come when we can more generously supply their needs.

At this time I wish to record my testimony of the great loss suffered by Melrose, in the sudden death of our lamented friend, Mr. Charles C. Barry, Chairman of the Trustees of the Public Library, and Chairman of our Sinking Fund Commissioners. His untiring service to his beloved city is a memory of which we are proud. The example set by his high sense of civic duty, will remain unexcelled in our history, and will serve for years to come as a standard of the highest type of citizenship.

### **Health Department.**

The affairs of the Health Department have been carefully administered. I will suggest, however, for your consideration, two questions which I believe to be closely connected with the health and comfort of our people. The surface drainage of a large area finds its reservoir in Ell Pond. The wash from many streets and much thickly settled land runs into the

brooks that lead to the pond. Not one of us would think of drinking a glass of its water, but yearly, ice is cut from its surface and offered for sale for domestic uses. I cannot help thinking that its use is detrimental to health.

I also advise the construction and maintenance of one or more sanitariums and public convenience stations.

### **Cemetery Department.**

The work of our Cemetery Committee is important, caring as it does for our city of the dead. The burial place has, for ages, been a factor in the development of the living. It was reverence for the dead on the hill behind the town that prevented the return of the Pilgrims after that first fearful winter. This influence persists under all forms of civilization. The maintenance charges of our cemetery are met wholly by the receipts of the department, and often a balance is turned into the city treasury. I advise the use of all receipts by the committee in charge, turning in only the amount derived from the sale of lots. Much needs to be done, and there appears no good reason for making it at any time a source of revenue.

### **Forestry.**

The question of forestry should receive more attention in our city. Trees are a valuable asset, and their conservation is an important duty. They should be set along our residential streets and carefully guarded against the ravages of insects, and the equally detrimental effects caused by the operations of public service corporations.

### **The Memorial Building.**

Through the generosity of many citizens, the liberality of the City Government, and by vote of the people, we are instructed to build during the coming year, a memorial building to commemorate the service of the soldiers and sailors of Melrose, who enlisted in the great war between the States.

The deeds of that grand army and their great commander, whose name is borne by the Melrose Post, will ring through the ages. By their acts our Nation was held together, making it

possible to become, as it now is, the greatest on earth in influence and wealth. It is for us to build this Memorial in the spirit intended. An Advisory Committee was appointed by my predecessor to assist in the details of the work. It will be my pleasure to aid this Committee in every way and assume the responsibility for its acts.

### City Planning.

I recommend for your consideration, the preparation of a carefully arranged plan for the city's development, and such legislation as may be necessary to direct future expenditures for public constructive improvements, along the lines of such a plan. This in the end would be of tremendous value to our municipal advancement, conserve the rights of our citizens by protecting their interests, and ultimately create a city of harmonious and related units.

The purpose of this address is to impress on your minds the great importance of our work, and the necessity of giving to it our best efforts. If we do that, and I am sure we shall, municipal government in Melrose will not be a failure. Our growth will be healthy, and the advancement of our ideals will set a standard for emulation. The arts of peace are more useful and vital than those of war. He is the greatest patriot who performs his whole duty with the means at hand.

Let us meet each question as it arises, with sincerity of purpose and minds open for its solution, free from personal or political prejudice. Our value as public officials depends on the results we gain for the good of all. Not only are the interests of Melrose concerned in our acts, but also the cause of representative government, begun in the cabin of the "Mayflower" and for which our forefathers struggled.

Mr. President, the heritage of 300 years is in our keeping. We must not fail in our responsibility.

ANNUAL REPORT  
OF THE  
SCHOOL DEPARTMENT

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CITY OF MELROSE

1912

## School Committee for 1912

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Name	Residence	Term Expires
Isabelle Stantial . . . .	146 Florence Street .	January, 1913
Elmer O. Goodridge . . .	148 E. Foster Street .	" 1913
William A. Morse . . . .	15 Auburn Place . . .	" 1913
Sarah A. Day . . . . .	45 Ashland Street . .	" 1914
Eben F. Phillips . . . .	12 Orient Place . . .	" 1914
Wallace R. Lovett . . . .	12 Fairmount Street .	" 1914
William Coggeshall . . .	158 E. Foster Street .	" 1915
Frank L. Welt . . . . .	31 Malvern Street . .	" 1915
Lowell F. Wentworth . .	19 Bartlett Street . .	" 1915

### Organization of Committee.

Lowell F. Wentworth, *Chairman*, Isabelle Stantial, *Secretary*

### Meetings of the Committee.

Regular meetings of the School Committee will be held in the Committee Room, High School Building, on September 23rd, October 28th, November 25th, and December 23d, 1912; January 27th, February 24th, March 24th, April 28th, May 26th, June 9th, and 23d, September 22d, October 27th, November 24th, December 22d, 1913, at 7.30 p. m

### Superintendent of Schools.

John C. Anthony, . . . . . 83 Lake Avenue.

Office: High School Building.

Office Hours: 8 to 9 a.m., on school days, and 4 to 5 on Monday, Tuesday, Thursday and Friday. Office Telephone: 55.

### Superintendent's Clerk.

Helen M. Aldrich, . . . . . 69 Gainsboro St., Boston.

## STANDING COMMITTEES.

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### Finance and Supplies.

Mr. Phillips	Mr. Goodridge	Mr. Lovett
	Mr. Morse	

### Schoolhouses and Janitors.

Mr. Goodridge	Mr. Welt	Mr. Morse
	Mr. Coggeshall	

### Teachers and Salaries.

Mrs. Day	Mrs. Stantial	Mr. Phillips
	Mr. Coggeshall	

### Text Books and Courses of Study.

Mr. Welt	Mrs. Day	Mrs. Stantial
	Mr. Lovett	

## SPECIAL COMMITTEES.

### Legislative.

Mr. Morse	Mr. Goodridge	Mr. Lovett
	Mr. Coggeshall	

## VISITING COMMITTEES.

High School.....	The School Committee
Franklin and Whittier Schools.....	Mrs. Day
D. W. Gooch School.....	Mrs. Stantial
Mary A. Livermore School.....	Mr. Phillips
Washington School.....	Mr. Welt
Lincoln School.....	Mr. Lovett
Winthrop School.....	Mr. Goodridge
Joseph Warren School.....	Mr. Morse
Sewall and Ripley Schools.....	Mr. Coggeshall



SCHOOL CALENDAR FOR 1912.

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FALL TERM 1912.

Opens September 10th, and closes December 20th.

WINTER TERM 1913.

Opens December 31st, 1912, and closes February 21st, 1913.

SPRING TERM 1913.

*First Half:* Opens March 3d, and closes April 25th.

*Second Half:* Opens May 5th, and closes June 27th.

FALL TERM 1913.

Opens September 10th, and closes December 19th.

HOLIDAYS DURING TERM TIME.

Every Saturday, Washington's Birthday, Patriots' Day, Memorial Day, June 17, October 12, and Thanksgiving Day, with the half day preceding and the day following it.

# Report of the Superintendent of Schools

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*To the School Committee of Melrose:*

*Ladies and Gentlemen:—*

The following report of the public schools of the city is respectfully submitted for your consideration. This is the twenty-third in the series of annual reports by the Superintendent of Schools, and the fourth by the present incumbent of the office.

The twelve months just passed do not show many or marked changes in the work of the schools. It is by steady, gradual development rather than by forced methods, that a school system grows stronger and more adequate. We have, therefore, endeavored to continue the policy of economy combined with efficiency, to solve our present problems satisfactorily, and to develop our present system to its highest power, without further additions until such time as the financial condition of the city warrants expansion.

The financial problem has been, and still is, the most important which we have had to consider, and it is proper that the community which deals so generously according to its income, with its public schools, should know as definitely as possible how its money is used. We, therefore, present various tables, showing amounts spent under the various items of the State classification, the amounts used for various departments of the school work, and the *per capita* cost for the fiscal year 1912, together with the corresponding figures for the fiscal year 1911.

The financial statement, presented as the last table, shows that the School Department continues to live within the appropriation granted by the Board of Aldermen. No single item has been exceeded, and a total net balance of \$176.80 has been returned on the regular appropriation.

The largest saving effected has been in the item of fuel. This has been sufficient, with the amount of coal now on hand, to justify a reduction for the coming year, from \$7,000 to \$5,000 for this account. After 1913, this amount probably



will have to be increased, but with average weather conditions and present prices, ought not again to reach the former figures. The largest saving has been in the High School, where the special appropriation expended on weather strips, caulking window frames, and furnishing additional heating surface, has already justified itself by materially reducing the amount of coal used in that building.

Another item which shows reduction is that of water rates. This has fallen from \$940 in 1910, to \$721.86 in 1912, largely as the result of prompt attention to leaks, and the installation of an air pressure pump in the High School, run from the fan shaft, to replace the old one which was run by water power from the meter.

In considering the figures given below, it should be borne in mind that we have had in the public schools an *average membership* for the fiscal year 1912, of nearly *two hundred* more pupils than during 1911. If the per capita cost for regular items had been the same for the past year as in 1911, the expenditures would have been greater by \$6,812.90, whereas they were greater by only \$1,182.93, which is less than the unexpended balance (\$1,258.12) returned by the School Department in 1911. Further, while the total cost for the High School was increased, because of the larger membership, by \$3,724.86, the cost of the Elementary Schools was decreased by \$2,541.93.

The increased cost in the High School was due to four items:

Teachers' salaries; two extra men teachers, and the regular increases of salaries.

Text Books and Supplies; result of larger number of pupils.

Janitors' Services; one extra janitor.

Fuel: due to the fact that we begin the new year, 1913, with one hundred tons of coal paid for, in the bin, whereas last year at this time we had no coal on hand in that building.

The decrease in the Elementary Schools was made largely in two items:

Teachers' Salaries; due to the elimination of the Ninth Grade.

Fuel; due partly to weather conditions, but largely to greater care on the part of janitors.

Again, it is worth noting:

1. That our cost *per pupil* for support in the High School, while higher than in 1911, is still twenty dollars *per pupil* less than the average for the State for that item.

2. That whereas in 1911 the cost of our Elementary Schools, *per pupil*, was greater than the average for the State by \$2.58, in 1912 it was \$2.05 less *per pupil*.

3. That whereas in 1911 the cost for *all pupils* in the public schools was greater than the average for the State by \$.85, in 1912 it was less by \$3.01. In other words, if our schools had cost as much per pupil as the average for the State, our appropriation would have been increased by \$8,570.70.

On the other hand, it is only fair to state that, in my opinion, while there are still opportunities for minor economies, yet we can not hope to effect further substantial saving without materially reducing the usefulness of some of our important departments, and thus injuring the efficiency of our schools.

The total cost of our High School for 1912, with corresponding cost for 1911, was as follows:

	1911	1912
General Administration Salaries.....	\$702.00	\$680.40
Other General Salaries.....	186.00	180.90
Other General Expenses.....	267.13	212.61
Teachers' Salaries.....	21,738.00	24,672.50
Text Books and Supplies.....	3,134.68	3,434.29
Janitors' Services.....	2,878.75	3,431.54
Fuel and Light.....	2,083.86	2,321.12
Other Expenses.....	243.20	134.74
Total, regular expenditures.....	\$31,233.61	\$35,068.10
Maintenance of Buildings and Grounds and Water Rates.....	\$1,467.35	\$1,357.72
Special Appropriation of 1910, Equipment.....	209.75	108.63
Special Appropriation of 1910, Heating....	2,035.79	753.31
Total expenditures.....	\$35,946.50	\$37,287.76

The average cost per pupil for these items based on average membership of High School (774.56), with corresponding cost for 1911, was as follows:

	1911	1912
General Administration Salaries.....	\$ .90	\$ .88
Other General Salaries.....	.24	.23
Other General Expenses.....	.34	.28
Teachers' Salaries.....	27.84	31.85
Text Books and Supplies.....	4.02	4.44
Janitors' Services.....	3.68	4.43
Fuel and Light.....	2.67	2.99
Other Expenses.....	.31	.17
		<hr/>
Total, regular current expenses.....	\$40.00	\$45.27
Maintenance of Buildings and Grounds and Water Rates.....	\$1.87	\$1.75
Special Appropriation of 1910, Equipment.....	.26	.14
Special Appropriation of 1910, Heating.....	2.61	.98
		<hr/>
Total cost per pupil, all expenditures.....	\$44.74	\$48.14

The total cost of our elementary schools for 1912, with the corresponding figures for 1911, was as follows:

	1911	1912
General Administration Salaries.....	\$1,638.00	\$1,839.60
Other General Salaries.....	934.00	989.10
Other General Expenses.....	672.79	574.82
Teachers' Salaries.....	45,225.57	43,154.23
Text Books and Supplies.....	2,865.07	2,563.08
Tuition.....	651.20	678.80
Transportation.....	665.50	664.25
Support of Truants.....	70.00	
Janitors' Services.....	4,299.99	4,359.58
Fuel and Light.....	4,851.97	4,317.95
Other Expenses.....	356.10	364.29
		<hr/>
Total, regular current expenditures.....	\$62,230.20	\$59,505.70
Maintenance of Buildings and Grounds and Water Rates.....	\$3,673.44	\$3,854.37
Furniture and Furnishings.....	198.76	200.40
		<hr/>
Total expenditures, elementary schools	\$66,102.40	\$63,560.47

The average cost per pupil in the elementary schools for these items, based on the average membership (2,072.85) for the fiscal year 1912, with the corresponding figures for 1911, was as follows:

	1911	1912
General Administration Salaries.....	\$.87	\$.88
Other General Salaries.....	.50	.48
Other General Expenses.....	.36	.28
Teachers' Salaries.....	24.19	20.82
Text Books and Supplies.....	1.52	1.23
Tuition.....	.34	.33
Transportation.....	.35	.32
Support of Truants.....	.04	
Janitors' Services.....	2.28	2.10
Fuel and Light.....	2.59	2.08
Other Expenses.....	.19	.18
	<hr/>	<hr/>
Total, regular current expenditures.....	33.23	28.70
Maintenance of Buildings and Grounds and Water		
Rates.....	1.96	1.86
Furniture and Furnishings.....	.11	.10
	<hr/>	<hr/>
Total cost per pupil Elementary Schools.....	\$35.30	\$30.66

Combining the figures for High and Elementary Schools, we have the total expenditures for all public schools for the fiscal year, as shown in the following:

#### ANNUAL FINANCIAL EXHIBIT FOR 1912.

##### 1. General Statement.

###### Receipts.

Appropriation for regular items for 12 months from Jan. 1, 1912 to Jan. 1, 1913.....	\$100,163.09
Special for High School Equipment, appropri- ated in 1910.....	112.82
*Special for High School Heating, appropriated in 1910.....	753.31
Special for High School Curbing, transferred from Special Heating.....	600.00
	<hr/>
	\$101,629.22

## Expenditures.

General Expenses . . . . .	\$4,477.43
Teachers' Salaries . . . . .	67,826.73
Text Books and Supplies . . . . .	5,997.37
Tuition . . . . .	678.80
Transportation . . . . .	664.25
Janitors' Services . . . . .	7,791.12
Fuel and Light . . . . .	6,639.07
Maintenance of Buildings and Grounds and Water Rates . . . . .	5,212.09
Furniture and Furnishings . . . . .	200.40
Other Expenses . . . . .	499.03
<hr/>	
Expenditures under regular appropriations . . .	\$99,986.29
Unexpended balance under regular appro- priations . . . . .	176.80
Special High School Equipment . . . . .	108.63
Unexpended balance, High School Equip- ment . . . . .	4.19
Special High School Heating . . . . .	753.31
Unexpended balance, High School curbing	600.00
<hr/>	
	\$101,629.22

\*From this item, \$600 was transferred to account for High School Curbing, and \$600.91 to Water Rates.



## 2. Average Expenditure Per Pupil

## Appropriation of 1912.

(Based on the average membership of *all the public schools* (2,847.41) for the fiscal year 1912, with the corresponding cost for 1911).

	1911	1912
General Administration Salaries (Supt.).....	\$ .88	\$ .88
Other General Salaries (Clerk, Truant Officer) ....	.42	.41
Other General Expenses.....	.37	.28
Teachers' Salaries.....	25.23	23.82
Text Books and Supplies.....	2.26	2.11
Tuition.....	.24	.24
Transportation.....	.25	.23
Support of Truants.....	.03	.00
Janitors' Services.....	2.70	2.73
Fuel and Light.....	2.61	2.33
Other Expenses.....	.22	.18
<hr/>		
Cost per pupil, excluding repairs and furniture .	\$35.21	\$33.21
Maintenance of Buildings and Grounds and Water Rates.....	\$1.94	\$1.83
Furniture and Furnishings.....	.07	.07
<hr/>		
Cost per pupil for all purposes.....	\$37.22	†\$35.11
†Average for State, \$38.12.		

The past four years has been a period of change and re-adjustment, of revision of the old machinery in preparation for the new product which the times demand that we supply. The next period must be one of extension and expansion along new lines, if our children are to enter life on an equal footing with those from other cities.

It may be well at this time to recall what has been accomplished during the four years just passed, and to suggest what direction the future development of our schools requires.

## What Has Been Done.

What has been accomplished financially has already been set forth. In connection with its work along these lines, the Department has accepted the new State classification of accounts; has evolved a simple but efficient office system, with duplicate order blanks, requisitions and credits, and has established a monthly checking of accounts with the Auditor's

office. No purchase is made, or work authorized except on written order. Work cards, signed by employee and janitor, cover every item of labor and material. The State system of Pupils' Record Cards has been installed throughout the schools. A closer supervision by principals and teachers of the distribution and care of supplies and books, has practically eliminated waste in this item.

In the High School, the course of study has been changed from a wide open elective, to a carefully planned group system, wherein six parallel courses, each one complete and comprehensive, furnish a thorough preparation for any line of work except the industrial. Several new subjects have been added, including Spanish, Hygiene, Botany, Zoology, Commercial History, Physiography and Penmanship. Nine new typewriters have been added to the equipment, and all the old machines replaced with new. Material additions have been made to the library and to the physical laboratory. An excellent and valuable collection has been gathered of illustrative material for teaching commercial and industrial geography. Several thousand dollars have been expended for new books for class use. Two classes of boys have availed themselves of an opportunity to continue their work in manual training, and are devoting two afternoons a week to a course in cabinet making. A course in practical engineering, heating and ventilating, with an excellent equipment, has been planned and will be offered at once. This latter has been furnished without expense to the city. The equipment consists of:

One five-horse power, upright, center crank, piston valve engine, complete with governor and lubricator, fly-wheel, and counter shaft,

One three horse power upright, slide valve engine,

One single, double acting Blake pump,

One plunger pump,

One link motion engine, side cranks,

One small model, upright, disc-crank engine,

One generator and switch board,

One upright, tubular boiler, fitted with Hancock inspirator, try cocks, water glass, police safety valve and steam gauge,

An assortment of valves and safety valves for instruction purposes,

One duplex pump,

One gasoline engine,

One hot water heater, connected with coils, for instruction purposes.

Besides the laboratory equipment just named, the regular plant in the school will be used for further instruction in theory, and practise of heating and ventilating. This consists of four return tubular boilers; one eight horse-power, low pressure engine; one ten foot fan; one closed water heater; one air compressor run by water pressure; one air compressor run by belt power; one large blow-off tank; one Spencer damper-regulator; one Mason damper regulator; automatic thermostats controlling dampers.

In the Elementary Schools, the entrance age has been raised to six years, and the ninth grade eliminated. A new course of study, adjusted to an eight grade system, has been prepared. A primary supervisor, Miss Margaret E. Grady, has rendered most excellent service in readjusting the lower grades to the new course, and in aiding and inspiring the teachers in their work. A supervisor in writing, Mrs. Florence K. Marshall, has introduced a muscular system which has proved its worth in other schools, and which promises to relieve the chaotic condition which has existed in that subject.

A beginning has been made in organized play, and some simple playground apparatus, made in the schools, has been installed, with more in process of construction. Medical inspection has been extended to the point of making an individual examination of each child in the primary grades. Truancy has been largely eliminated, and for a year and a half we have had no pupil in the county truant school, where formerly we had several all the time.

A very large number of new books has been added to the Elementary Schools.



Every first grade has been supplied with nine sets of new primers, or first readers. Every second grade has been supplied with six sets of readers.

A new system of number work is in successful operation in grades one and two.

Every third grade has been supplied with seven sets of readers, and with new arithmetics.

Every fourth grade has been supplied with four sets of readers.

Grades two to eight have been supplied with new spellers.

Grades four to eight, inclusive, have been supplied with a modern series on physiology and hygiene.

Grades five to eight, inclusive, have been supplied with new histories.

All grades have been supplied with new music books, with the new penmanship manual, and will this year be supplied with new arithmetics and new language books.

The teachers have joined heartily, loyally and intelligently in the policies of the administration and to them is due, to a large degree, whatever success the schools have attained. A little more than two years ago the "Melrose Teachers' Club" was formed, composed of all our teachers, the Superintendent, and members of the School Committee. This Club has been an important factor in welding our teaching corps into a strong working organization. What it has accomplished along this line, and the cordial support given it by the community, was evidenced last November, when the Club gave, for the first time in Melrose, a "Teachers' Club Fair." The net receipts were \$1,150. This money is to be devoted to such educational and philanthropic purposes, for Melrose schools, for Melrose children and for the community as the Club may decide from time to time.

### **Needs of the Future.**

As I have already indicated, the next period in our school development will be one of extension and expansion. This must necessarily be delayed to keep step with the growth of our financial resources. Therefore, the following suggestions

are made, not as recommendations to be acted upon at once, but rather as the outline of a program, which should be gradually worked out as the city can afford it. Furthermore, nothing is here suggested but what has been thoroughly and successfully tested in other cities and towns in our own State, as well as throughout the country. The program should be somewhat as follows, subject to revision or additions as new needs or conditions arise.

*Closer Medical Inspection.* A school physician should visit each building each school day. Each child should have at least once a year, a thorough physical examination, either by his own physician or by the school physician, as the parent may elect.

*A School Nurse*, who should spend her whole time in the schools, and in following up cases in the homes as needed.

*Dental Inspection*, with provision for care of the teeth in needy cases.

*Open Air Rooms* for anemic children.

*Supervised Playgrounds* adjoining school buildings. The School Committee recommends that land for this purpose be secured during the present year at the Lincoln School, and that land at the Franklin School be graded.

*School Gardens.* The city should support, either at each building, or at a central location, school gardens, where all children who wish may receive elementary instruction in the care of soil and plants, and the planting of seeds. Until such time as this can be entirely assumed, the city could very well afford to help, to some extent, the work which is so successfully carried on each year by the Woman's Club.

*Summer Schools.* The school plant should not lie idle during one-fifth of the year. A summer session should be provided, where children who have not been promoted, or those who, by extra work can finish the elementary course in less than the usual time, may if they so desire, receive the help needed at the expense of the city. In time saved for the children, and in money saved to the city, this would prove a good investment.

*Special Room for Motor Minded.* There are many children in our schools to whom the abstract, academic work of

the ordinary curriculum makes no appeal. They are a detriment to the class which they attend, and are not securing from our schools the help which they have a right to demand. There should be at least two or three special rooms under special teachers, where such children could be trained along lines in which they could attain success, instead of remaining where, by repeated failure, they lose their self-respect.

*A Differentiated Course of Study* for the upper grammar grades and High School. A more flexible course, and greater opportunities for practical training, should be offered the large number of our young people who can not hope to continue their studies after they are sixteen years of age. Such a course might well follow along similar lines to those offered at Fitchburg, or at the Model School connected with the Salem Normal School. In two years, the reduction in our High School will provide the necessary room, and at the same time will release money which may well be used for this purpose. Meanwhile, such beginning should be made as opportunity offers.

*Wider Use of School Buildings.* Upon recommendation of the School Committee, the Board of Aldermen have accepted the recent Act which makes possible the use of school buildings for other than school purposes. The Committee is, therefore, in a position to grant such use as is, in their opinion, advisable. The school plant should be used for all community needs not inconsistent with its original purpose. The rapid spread of this idea throughout the country has been phenomenal. One hundred sixty-five cities now use their school buildings for a large variety of communal interests. Some are used as social and recreation centers, others offer regular courses of lectures and entertainments of a popular and educational character, and in many ways promote by this means, public health, civic efficiency and social solidarity in the community.

### **In Conclusion.**

In closing, this, my fourth annual report, I wish to express my gratitude to the teachers, to the School Committee, to the Board of Aldermen and to the community. By their loyalty, their support and their kindly consideration, they have lightened my labors, made my work more effective, and my residence in Melrose a very happy one.

Respectfully submitted,

John C. Anthony,  
In School Committee,  
January 27, 1913.

*Voted:*—To accept the report of the Superintendent of Schools and to adopt it as the report of the School Committee for the year 1912.

### **Report of the High School Principal.**

Mr. John C. Anthony,  
*Superintendent of Schools,*  
Melrose, Massachusetts.

*Dear Sir:*—I herewith submit the following report of the High School for the year 1912:

The increase in the membership of the school has necessitated a still further enlargement of the teaching force, bringing the number of regular instructors to twenty-six. Mr. Robert L. Munson was elected submaster and head of the history department, in place of Mr. William H. H. Peirce, who resigned, and Miss Alice G. Drake, teacher of English, in place of Miss Mary G. Hickey. There were also added Mr. Ernest J. Lawton, teacher of hygiene and mathematics and Mr. George F. Nightingale, of bookkeeping and commercial arithmetic.

Of the ninety-three members of the graduating class, twenty-six are pursuing work in higher institutions of learning. Four at Harvard; one at the Institute of Technology; three at Boston University; two at Wellesley; one at Smith; three at Mount Holyoke; one at Bates, one at Dartmouth;



four at Amherst, Agricultural College; one at Tufts Medical College, and five at various normal schools. This large proportion of college pupils is characteristic of our school. Two members of the class received Harvard Club Entrance Scholarships, owing to the excellence of their work in the high school, and the principal has recently received a letter from Harvard College telling of high honors awarded to two former graduates.

Very few of the students who entered college last fall received certificates in full. This was due to the great degree of care necessarily taken in the use of the certificate privilege. A free use of the certificate tends to lower the standard of work that should be maintained in the high school and encourages the pupil to enter college with an incomplete preparation. It is unfair to the school but most of all to the pupil who is apt to become discouraged and drop out of college at mid-year examinations. Instead, therefore, of awarding this privilege to any member who completes the required work, it should be given only as a reward for high scholarship and all other pupils should be required to take the entrance examination.

The new course of study has been in operation for nearly one half year and seems to meet the need for a more definite arrangement of work for the pupils. The records show that of the present membership of 758, 185 are taking the college course; 83 the scientific; 160 the general courses; 49 the normal; 273 the commercial course, and 8 are special students. By a vote of the School Committee, a three years' course has been established whereby the work of the third year, for the pupils in the commercial course, will be intensified along the lines of stenography and typewriting or business practice. A suitable certificate will be given to all pupils completing this third year of work. The newly added subjects, penmanship, hygiene, physiography, botany and Spanish are meeting a long felt need, as is shown by the large number of pupils taking them. The increased proportion of pupils in French and bookkeeping is due to the fact that those subjects are now begun in the first year. The principal recommends that, as soon as conditions warrant the change, a number of distinctly vocational courses be added. Too many pupils are virtually

compelled to leave school each year, owing to lack of interest in the subjects they are compelled to pursue. The addition of courses in the practical arts both for boys and girls, will do much to keep these pupils in school. Plans are now being made in a small way, to offer a course in the principles of steam engineering, and it is hoped that this will be further extended.

The daily program also has been considerably changed with the introduction of the new course of study. By the increase of the daily periods to six, and the arrangement of the divisions into two programs alternating from day to day, a greater number of combinations are made possible. The principal recommends a return to the five period day as soon as conditions warrant it. The plan of separating study pupils from those in recitation, by having certain rooms devoted wholly to study, is, on the whole, working well. There is a greater ease and freedom in the classrooms because of the absence of study pupils and also a better opportunity for study in the quiet rooms used for that purpose.

In spite of the many changes which the school has undergone, there is cause for gratification in the character of the work and the spirit of the pupils. It is not to be expected that so many new arrangements can be made without hardship to pupils and teachers in making the necessary adjustments to the different order of things. The principal wishes, at this point, to make acknowledgement of the loyalty and interest shown by the teachers and the ready acceptance of new conditions on the part of the pupils during the whole year.

The school organizations are active and productive of much good. The great problem in athletics, that of finance, will without doubt, be settled as soon as the enclosed field, provided for in the last city election, is ready for use. The debating societies, the school orchestra and the aviation club are doing good work, not only along their chosen lines, but also in promoting a better spirit in the school. The class dances have been well attended and thoroughly enjoyed by both pupils and parents.

The social life of the school is important as having a direct bearing and influence on scholarship. The number of honor pupils, considering the difficulty in securing this high rank, is

large. On another page will be found a list of pupils from the several classes, who secured this rank for the last school year. By a system of poor work reports, the pupil is notified every two weeks if his work in any subject is below passing, and the parent is notified if the case is considered serious.

In closing the principal wishes to thank you and the School Committee for your cordial support and intelligent co-operation in all the work of the year.

Respectfully submitted,

Lorne B. Hulsman.

#### School Census and Enrollment.

No. of persons between 5 and 15 years of age residing in the city, September 1, 1912.....	2876,
Boys, 1,379; Girls, 1,497.	
No. of persons between 7 and 14 years of age residing in the city, September 1, 1912.....	2,144
Boys, 1,048; Girls, 1,096.	
No. of different pupils enrolled during the school year, 1911-1912.....	2,814
No. of pupils between 5 and 15 years of age enrolled during the school year, 1911-1912.....	2,255*
No. of pupils over 15 years of age enrolled during the school year, 1911-1912.....	531
No. of pupils between 7 and 14 years of age enrolled during the school year, 1911-1912.....	*1,775
*In addition, there were enrolled in private schools, Sept. 1912,	
Between 5 and 15 years of age.....	395
Between 7 and 14 years of age.....	293

SUMMARY OF THE PRINCIPALS' REPORTS FOR THE SCHOOL YEAR, 1911-1912.  
I. By Schools.

Schools	No. of Different Pupils Enrolled Exclusive of Re-Enrollments	No. of Boys	No. of Girls	Average Membership	Average Attendance	Per Cent. of Attendance
High.....	711	316	395	665.73	634.47	95.30
Ninth Grades.....	134	77	57	122.59	114.81	94.48
Washington.....	363	189	174	334.49	311.69	93.11
Franklin.....	292	147	145	286.11	273.17	95.46
Gooch.....	263	146	117	231.39	223.84	94.68
Lincoln.....	336	175	161	331.33	314.13	94.80
Livermore.....	165	84	81	156.35	148.66	95.09
Whittier.....	162	77	85	146.92	134.77	92.16
Sewall.....	125	61	64	118.64	110.13	93.10
Winthrop.....	132	60	72	118.25	110.51	93.83
Warren.....	110	58	52	107.45	99.00	92.37
Ripley.....	21	6	15	17.87	16.18	90.57
Total.....	2,814	1,396	1,418	2,637.11	2,491.36	94.47



## 2. By Grades.

Schools	No. of Different Pupils Enrolled Exclusive of Re-Enrollments	No. of Boys	No. of Girls	Average Membership	Average Attendance	Per Cent. of Attendance
High.....	711	316	395	665.73	634.47	95.30
Ninth.....	134	77	57	122.59	114.81	94.48
Eighth.....	248	111	137	241.99	232.83	96.22
Seventh.....	262	115	147	240.00	227.71	94.88
Sixth.....	244	124	120	234.71	226.32	95.07
Fifth.....	275	160	115	248.00	235.02	94.55
Fourth.....	249	132	117	242.36	229.38	95.06
Third.....	196	102	94	183.17	175.15	94.37
Second.....	210	122	88	206.15	189.24	91.64
First.....	285	137	148	252.41	226.43	90.78
Total.....	2,814	1,396	1,418	2,637.11	2,491.36	94.47

NUMBER OF TEACHERS IN THE DIFFERENT DEPARTMENTS,  
DECEMBER, 1912.

	Male	Female	Total
High (Grades X, XI, XII, XIII).....	7	20	27
Grammar (Grades V, VI, VII, VIII).....	2	29	31
Primary (Grades I, II, III, IV).....	0	26	26
Supervisors, Music.....	1	0	1
Drawing.....	0	1	1
Manual Training.....	1	0	1
Primary.....	0	1	1
Writing.....	0	1	1
Total.....	11	78	89

NUMBER OF PUPILS IN THE DIFFERENT GRADES,  
NOVEMBER, 1912.

Primary	Grade I.....	318
	Grade II.....	241
	Grade III.....	217
	Grade IV.....	201
Grammar,	Grade V.....	267
	Grade VI.....	258
	Grade VII.....	238
	Grade VIII.....	270
High,	Freshman Class.....	294
	Sophomore Class.....	252
	Junior Class.....	124
	Senior Class.....	95
	Post Graduate.....	8
Total.....		2,783

AVERAGE AGE OF PUPILS IN THE DIFFERENT GRADES,  
SEPTEMBER, 1912.

Primary,	Grade I.....	6 yrs.	6 mos.
	II.....	7 "	3 "
	III.....	8 "	5 "
	IV.....	9 "	4 "
Grammar,	Grade V.....	10 "	4 "
	VI.....	11 "	7 "
	VII.....	12 "	6 "
	VIII.....	13 "	4 "
High,	Freshman.....	14 "	4 "
	Sophomore.....	15 "	6 "
	Junior.....	16 "	7 "
	Senior.....	17 "	6 "

# APPENDIX

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## Melrose High School

### GRADUATION EXERCISES.

Class of 1912.

City Hall, Evening of June Twenty-Seventh at Eight O'clock.

### PROGRAM.

#### INVOCATION

REV. AUGUSTUS ERVING SCOVILLE.

"Selections from Aida," ..... *Verdi*

#### GLEE CLUBS.

#### SALUTATORY

EVELYN NILES COPELAND.

ESSAY: "The American Merchant Marine,"

NELLIE LOUISE CARGILL.

"Before the Daybreak,"

#### GIRLS' GLEE CLUBS.

ESSAY: "Vocational Education in Secondary Schools."

GLADYS LOUISE MOWER.

Award of Prizes given by the Franklin Fraternity.

HON. SIDNEY H. BUTTRICK.

"Under the Southern Moonlight," ..... *Allen*

#### BOYS' GLEE CLUB.

Announcement of Alumni Scholarships,

E. C. LANG,

President of the Alumni Association.

#### VALEDICTORY,

ELMER MILTON WANAMAKER.

#### PRESENTATION OF DIPLOMAS

DR. LOWELL F. WENTWORTH,  
Chairman of the School Committee.

"Laughter of May," ..... *Lacome*

#### GLEE CLUBS.

**SENIOR CLASS HONOR LIST.**

Pupils who have maintained a general average of 90% or over during their whole course.

Elmer M. Wanamaker	Raymond H. Greenlaw
Evelyn N. Copeland	Gladys E. Starratt
Frances B. Banks*	Harold A. Larrabee
Nellie L. Cargill	Helen E. A. James
Gladys L. Mower	Louis Schwartz*
Marie L. Hersey	Ruth M. Gerrish†
Mary A. Preble	Philip J. Dowd

\*Entered in Junior Class from other high schools.

†Completed course in three years.

**HONOR LIST FOR OTHER CLASSES.**

Pupils who have maintained an average of 90% or over in each subject.

**Junior Class.**

Gertrude M. Bond	Merriam Segel
Katherine F. Ellis	Frederick A. Stearns
Ruth W. Hawley	Mildred L. White
Katherine F. Rand	Lester N. Woodland

**Sophomore Class.**

Adelaid S. Clark	Isabelle L. Lee
Herbert E. Duffill	Grace N. Sherburne
Lawrence Hugo Flett	David A. Tirrell
Evelyn M. Ide	Elsie M. Woodland

**Freshman Class.**

Margaret Anderton	Dorothy E. Hall
Jennie L. Bond	Ervin M. Kenison
Waldemar S. Broberg	Victor C. Lovejoy
Ella M. Corbett	Caroline F. Norris
Eleanor R. Hooper	Belle Segel
Margaret L. Ilsley	Marian O. Tobey

**MELROSE WOMAN'S CLUB HONORS.**

Gladys E. Starratt	Ilma Bernice Stearns
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**ALUMNI SCHOLARSHIPS.**

Doris Marie Kennard	Louis Schwartz
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## FRANKLIN FRATERNITY PRIZES.

English (Senior Class)  
 Harold A. Larrabee  
 English (Junior Class)  
 Stanley L. Chisholm  
 Merriam Segel, Honorable Mention  
 English (Sophomore Class)  
 Elizabeth B. Rand  
 George L. Goodridge, Honorable Mention  
 Grace N. Sherburne, Honorable Mention  
 Elsie N. Woodland, Honorable Mention  
 English (Freshman Class)  
 Grace MacKeon  
 Helen N. Howe  
 Viola M. Simonds, Honorable Mention  
 C. Frances Whitney, Honorable Mention  
 Marion G. Pulley, Honorable Mention  
 Algebra (Freshman Class)  
 Leslie F. Garrett  
 Sherwood Page, Honorable Mention  
 Algebra (Open to all)  
 Frederick A. Stearns  
 Geometry (Sophomore Class)  
 Mildred L. White  
 Geometry (Open to all)  
 Stanley L. Chisholm

## CLASS OF 1912.

Irma Mae Albee	Simon Joseph Kelleher
Edward Everett Babb, Jr.	Arthur Bernard Kempton
Frances Beth Banks	Doris Marie Kennard
Mary Margaret Barrett	Ida Isburgh Kimball
Archie Edwin Benson	Marjorie Monroe Kinney
Madeleine Blake	Harold Atkins Larrabee
Albert Edward Bolton	Hannah Augusta Lord
Malcolm Blanchard Boynton	George Alexander Macdonald
Margaret Buck	Margaret Macdonald
Jessie Irene Capers	Janet Elizabeth MacLaren
Nellie Louise Cargill	Genevieve Gourley Milliken
Raymond Lincoln Chisholm	Maurice Nathaniel Milne
Mary Teresa Colbert	William Bennie Milton
Elizabeth Jacobs Co'cord	Floyd Moore
Florence Kathryn Conway	Gladys Louise Mower
Helen Mildred Cook	Robert Rollins Nowell
Evelyn Niles Copeland	Mary Josephine O'Brien
Flora Lucena Corbett	Marie Josephine O'Leary

Anna Lloyd Cornwall	Florence May Pendleton
Dorothea Cudworth	Albert Winslow Perkins
James Anthony Curran	Marguerite Louise Porter
George Colby Davis	Mary Alice Preble
Rose Dorothy DeCecca	Lena Gladys Rawding
Robert Maxwell DeMar	Henry Lupton Restall
Jennie Kanuss Dieter	Howard Odlin Russell
Philip James Dowd	Raymond Henry Sackett
Anna Margaret Fahey	Louis Schwartz
Frances Louise Fawcett	James Burdelle Shepard
Ruth Elizabeth FitzGerald	Ray Lawrence Shepard
Edna Caroline Flagg	Hazel Dean Shields
Florence Mary French	James Stanley Sims
Ruth Merrill Gerrish	William Earle Sloane
Lester Howard Giles	Clarissa Belinda Smith
Harold Parker Gray	Helen Marie Sohlberg
Persis Elizabeth Gray	Gladys Eleanor Starratt
Raymond Harris Greenlaw	Ilma Bernice Stearns
Ruth Howard Greenleaf	Eva Viola Steeves
George Lawrence Hall	Mabel Harriet Stevens
Francis Salmond Heartz	Katherine Elizabeth Taylor
Marie Louise Hersey	Leonie Odlin Waggett
Eunice Higgins	Elmer Milton Wanamaker
Helen Holmes	Dorothy Merrill Webster
Helen Elizabeth Agnes James	Alice Maud Wheeler
Norman Farquhar Jefts	Carrick Earl Wildon
Charles Shapleigh Johnson	Winthrop Temple Wolley
Mildred Louise Johnson	Helen Louise Woodward
	Laura Remington Young

## ORGANIZATION OF THE SCHOOL STAFF.

December 31, 1912.

*Superintendent of Schools,*

John C. Anthony, 83 Lake Avenue.

*Superintendent's Clerk,* Helen M. Aldrich, 69 Gainsboro Street, Boston, Mass.

## CORPS OF TEACHERS.

## High School.

Name	Department	Where Educated	When Elected
Lorne B. Hulsman.....	Principal.....	Boston University.....	1911
Alonzo G. Whitman.....	Principal Emeritus.....	Bowdoin College.....	1874
Clara A. Snell.....	Mathematics.....	Bates College.....	1904
Ruth H. Barry.....	Algebra, History.....	Wellesley College.....	1911
Gertrude Gilc.....	History.....	Radcliffe College.....	1907
George A. Hutchins.....	Science.....	Bates College.....	1901
Maude E. Capron.....	Science.....	Wellesley College.....	1911
Marion Chadbourne.....	English.....	Boston University.....	1910
Susan R. Scott.....	English.....	Brown University.....	1907
Edith S. Blake.....	English.....	Bates College.....	1903
Helen F. Warren.....	English, History.....	Mount Holyoke College.....	1908
Rose D. Larphear.....	English, Latin.....	Boston University.....	1903
Alice G. Drake.....	English.....	Boston University.....	1912
Robert L. Munson.....	Sub-Master, History.....	Brown University.....	1912
Ernest J. Lawton.....	Hygiene, Mathematics.....	Amherst College.....	1912
Laura G. Willgoose.....	Modern Languages.....	Radcliffe College.....	1908

## HIGH SCHOOL, Continued.

Name	Department	Where Educated	When Elected.
Nina G. Adams.....	French, German.....	Boston University.....	1910
Maude M. Lunt.....	French, German.....	Tufts College.....	1911
Ednah A. Whitney.....	French, German.....	Smith College.....	1911
Elizabeth F. Abbe.....	Ancient Language Department.....	Wellesley College.....	1906
Adelma A. Ballou.....	Latin.....	Dean Academy.....	1887
George M. Hawes.....	Commercial Department.....	Harvard College.....	1910
Florence E. Stacy.....	Stenography, Typewriting.....	Mount Holyoke College.....	1910
Mildred F. Merrill.....	Stenography, Typewriting, Com. Geography.....	Salem Normal School.....	1910
Lucy A. Wightman.....	Bookkeeping, Arithmetic, Com. Geography.....	Mount Holyoke College.....	1910
Linnie M. DeMerritt.....	Arithmetic, Penmanship.....	New Hampton Institute.....	1904
George Nighingale.....	Bookkeeping, Arithmetic.....	Harvard College.....	1912
Florence F. Norcross.....	Principal's Clerk.....	Melrose High School.....	1912
Eighth Grade.			
Mary I. Coggeshall.....		Lowell Training School.....	1908

## Franklin School, Cor. Main and Franklin Streets.

Name	Grade	Where Educated	When Elected.
Carl D. Lytle.....	Principal.....	Brown University.....	1909
Mary I. Lynch.....	VIII A.....	Bridgewater Normal School.....	1908
Ethel M. Foster.....	VIII B.....	Salem Normal School.....	1909
Louise G. White.....	VII A.....	Salem Normal School.....	1895
F. Ethel Whitney.....	VII B.....	Bridgewater Normal School.....	1907
Hazel N. Friend.....	VI A.....	Castine (Me.) Normal School.....	1912
Lilla M. Layng.....	VI B.....	Bridgewater Normal School.....	1911
Alma J. Guphill.....	V.....	Girl's High School, Boston.....	1884
Mabel G. Gilbride.....	IV.....	Quincy Training School.....	1900

## Washington School, Cor. Lebanon and Lynde Streets

Name	Grade	Where Educated	When Elected.
Clara Rowley.....	Principal.....	Mount Holyoke College.....	.....1911
Melvina E. Williams.....	VIII.....	Gorham (Me.) Normal School.....	.....1909
Ina E. Cobb.....	VII.....	Kents Hill Seminary.....	.....1908
Emma M. Thompson.....	VI.....	Salem Normal School.....	.....1906
Anna W. Atkins.....	V.....	Provincetown High School.....	.....1897
Nellie C. Dempsey.....	IV.....	Salem Normal School.....	.....1891
Fannie M. Kattelle.....	III.....	Framingham Normal School.....	.....1911
Mabel A. Van Riper.....	II.....	Normal School, Paterson, N. J.....	.....1907
Sarah E. Allen.....	I.....	Wheelock Kindergarten Training School.....	.....1911

## Lincoln School, Wyoming Avenue.

Name	Grade	Where Educated	When Elected.
Willis Sikes Fisher.....	Principal.....	Massachusetts Agricultural College.....	.....1906
Annie L. Ricker.....	VIII.....	Gorham, Maine, Normal.....	.....1908
Alice H. Long.....	VII.....	Boston Normal School.....	.....1877
Harriet H. Dowe.....	VI.....	Mount Holyoke College.....	.....1894
Annie P. Long.....	V.....	Melrose, High School.....	.....1894
Minnie F. C. Snow.....	IV.....	Orono (Me.) High School.....	.....1892
Jeannette A. Doane.....	III.....	Templeton High School.....	.....1896
Amelia F. Trowbridge.....	II.....	Melrose High School.....	.....1889
Grace A. Lynde.....	I.....	Anne L. Page's Kindergarten Training Class..	.....1897



## D. W. Gooch School, Cor. of Foster and Florence Streets.

Name	Grade	Where Educated	When Elected.
Alice M. Swett.....	Principal.....	N. H. Normal School.....	1882
Mary S. Wentworth.....	VIII.....	Wakefield, N. H. High School.....	1896
A. Louise McCormick.....	VII.....	Wheaton Seminary.....	1891
Etta J. Call.....	VI.....	Kansas Institute.....	1890
Nellie W. Riley.....	V.....	Salem Normal School.....	1904
Edith M. Maxwell.....	III and II.....	Farmington State Normal.....	1902
Mabel Price.....	I.....	Symond's Normal Institute.....	1897

## Mary A. Livermore School, Main Street.

Name	Grade	Where Educated	When Elected.
Annie C. Washburn.....	Principal.....	Wellesley College.....	1900
Bertha C. Hatch.....	VIII.....	Gorham Normal School.....	1904
Lillian G. Runnells.....	VII.....	Bridgewater Normal School.....	1906
Leonora W. Goodsoe.....	VI.....	Gorham Normal School.....	1907
Lucy E. Shute.....	V.....	Pinkerton Academy, Derry, N. H.....	1895

## Sewall School, Upham Street.

Name	Grade	Where Educated	When Elected.
Annie C. Washburn.....	Principal.....	Wellesley College.....	1900
Alice M. Clifford.....	IV.....	Salem Normal School.....	1912
Lena D. Marshall.....	III.....	Salem Normal School.....	1900
Leulise E. Smith.....	II.....	Lewiston Normal Training School.....	1909
Emma C. French.....	I.....	Miss Symond's Kindergarten Training School	1902

## Joseph Warren School, Warren Street.

Name	Grade	Where Educated	When Elected.
Alice J. Coffin.....	Principal, IV.....	Gorham Maine Normal School.....	1895
Emily C. Gorden.....	V.....	Boston University.....	1911
Helen L. Patten.....	III and II.....	Salem Normal School.....	1903
Ruth M. Knowles.....	I.....	Mount Holyoke College.....	1894

## Whittier School, Franklin Street.

Name	Grade	Where Educated	When Elected.
Carl D. Lytle.....	Principal.....	Brown University.....	1909
Isabelle L. Atwood.....	III.....	Haverhill Training School.....	1890
Mary A. Chisholm.....	II.....	Hyannis Normal School.....	1896
Annie G. Balch.....	I.....	Colby Academy (N. H.).....	1900
Laura A. Scott.....	I.....	Salem Normal School.....	1912

## Winthrop School, Cor. Eleventh and First Streets.

Name	Grade	Where Educated	When Elected.
Florence M. Gogin.....	Principal, VI, V.....	Boston Normal School.....	1907
Mary L. Loring.....	IV, III.....	Salem Normal School.....	1897
Jennie S. Prescott.....	II.....	Miss Symond's Kindergarten.....	1903
Maude A. Norton.....	I.....	Elliman Kindergarten Training School, N. Y.	1906

## Ripley School, Swain's Pond Avenue.

Name	Grade	Where Educated	When Elected.
Martha T. Foster.....	Grade II and I.....	Symond's Kindergarten Training School.....	1911

## Supervisors.

Mary E. Coyle.....	Drawing
Edward N. Griffin.....	Music
Margaret E. Grady.....	Primary
Myron W. Gray.....	Manual Training
Florence K. Marshall.....	Peumanship

## Janitors.

Fred S. Boardman.....	Washington School
Charles J. Critchett.....	Livermore and Sewall Schools
James Fahey.....	Warren and Whittier Schools
George E. Fogg.....	High School
Walter H. Lewis.....	Winthrop School
Archie B. McIlwraith.....	Lincoln School
Mrs. Mary Silver.....	Ripley School
John Thyng.....	Gooch School
Charles E. Van Riper.....	Franklin School
Ross H. Worth.....	Assistant High School

## Engineer in High School,

Joseph H. Tessier, 9 Winter Street.

## Fireman in High School,

John Philbin, 119 Linwood Avenue.

# Report of the City Physician

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January 31, 1913.

*To the Honorable Mayor and Board of Aldermen,  
City of Melrose, Mass.*

Gentlemen:—I send you herewith the seventh annual report of the City Physician for the year ending December 31, 1912.

Visits made for the Charity Department:

At the City Home.....	23	
To patients in their homes.....	187	
		— 210

Office calls.....	317	
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Attendance upon cases of child birth.....	1	
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Deaths at the City Home.....	1	
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Visits made for the Health Department:

At the Contagious Hospital.....	1	
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To patients in their homes.....	33	
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Visits to mental cases.....	12	
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Visits of inspection and consultation.....	85	
		— 131

Office treatment for pupils of the public schools....	109	
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Office calls for Public Works Department.....	3	
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Visits for the Police Department.....	15	
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Examinations by order of Mayor.....	1	
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Vaccinations.....	75	
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Respectfully,

CLARENCE P. HOLDEN,

*City Physician.*

Annual Report  
of the  
Board of Health  
of the  
City of Melrose  
for the  
Year Ending December 31st, 1912

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MELROSE, MASS.  
THE MELROSE FREE PRESS, INC.  
1913





# Report of the Board of Health

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*To the Honorable Mayor and Board of Aldermen, City of Melrose.*

Gentlemen:—The Board of Health respectfully submits herewith its annual report for the year ending December 31, 1912.

## Membership and Organization.

The membership and organization of the Board was as follows, viz: Clarence P. Holden, M. D., Arthur A. Hayden, Esq., and Edmund L. Grundy. The Board organized with Clarence P. Holden, Chairman; Grace French, Clerk; Andrew J. Burnett, Inspector of Plumbing and Sanitary Inspector; Dr. Frank P. Sturgis, V. S., Inspector of Animals and Inspector of Slaughtering; Caleb W. Clark, M. D., Inspector of Milk; Drs. R. R. Stratton, A. E. Small and Caleb W. Clark, Medical Inspectors of Schools.

## Contagious Diseases.

The year of 1912 was a very light one, so far as the more serious diseases are concerned. There were only 18 cases of diphtheria and croup, and 1 death, and 17 cases of scarlet fever with no deaths.

Measles was very prevalent in the Highlands, interfering largely with school attendance, there being reported 381 cases with 1 death.

94 cases of whooping cough were reported with 1 death.

The epidemic of measles began from a mild case, not reported, and supposed to have been an erythema due to digestive disturbances.

The outbreak of whooping cough, which has continued over a year, is due simply to the fact that parents make no attempt to isolate probable cases in their early stages and also that during the early stages, before the characteristic whoop begins, it is supposed to be something else.

One case of the rare disease, trichinosis, which is caused by eating "measly" pork, was reported. The case was recognized early by the physician, and promptly treated but resulted fatally.

Five cases of "sore eyes" of infants were reported, and all were immediately visited by the Chairman of the Board as required by law. In one case the Board employed a nurse for several days. All cases recovered without any impairment of vision.

Nine cases of typhoid fever were reported with one death. This death was a patient brought from out of town to the Melrose Hospital. All cases of typhoid fever, the Board believes after a careful examination, to have been contracted elsewhere.

All cases of scarlet fever and diphtheria, desiring hospital treatment, were taken to the Malden Contagious Hospital, our own little hospital not being open during the year.

Out of our total expenditure of \$1,065.30 for the care of contagious diseases in 1912, \$234.00 was paid for the care of cases in other cities and towns, and the city was paid for the care of cases not having a settlement in Melrose, the sum of \$151.06.

There was a total of 15 cases of tuberculosis reported of which 14 were pulmonary, and there were 14 deaths, 10 being of the pulmonary form and 4 of other forms, as against a total of 10 deaths in 1911. During the year, all cases desiring hospital treatment have been aided.

### Medical Inspection of Schools.

Total number examined.....1,338  
Total number excluded.....192

Many of these exclusions were for very short times, cases of pediculosis and impetigo being quickly restored to school.

The following cases of diseases were found in pupils of the public schools:

Diphtheria.....	2	Ring Worm.....	45
La Grippe.....	10	Other skin diseases....	8
Measles.....	14	Conjunctivitis.....	8
Mumps.....	4	Stye.....	2
Scarlet Fever.....	0	Corneal Ulcer.....	1
Whooping Cough.....	7	Other diseases of the eye	3
Scabies.....	3	Injuries.....	5
		Chicken Pox.....	15

Pediculosis.....	30	Adenoids.....	10
Impetigo.....	15	Filthy person.....	0
Tonsilitis.....	22	Slight Ailments.....	205

There were 301 vaccination certificates granted by the School Physicians during the year.

Sixty-three children between the ages of 14 and 16, who wished to go to work, were examined by the Chairman as to their physical condition; of these, sixty-one were found physically fit for the work they proposed to do. While it is undeniably true that children between the ages of 14 and 16 may, with no harm to their physical, mental, or moral condition, perform light labor, on the other hand we do not believe that the enlightened sentiment of our Commonwealth will much longer tolerate the sending of our children to continuous labor.

As before stated, our contagious cases, requiring hospital treatment, were sent to the Malden Contagious Hospital.

The Board is now considering, and the city will, in the immediate future, be called upon to provide a Tuberculosis Hospital.

Under the law passed in 1911, requiring the Board of Health to take care of persons suffering from "insanity, mental derangements, deliriums, or mental confusion," two cases were referred to the Board. One was cared for in the Melrose Hospital until recovery, and one was sent to the Danvers State Hospital.

All children referred by the School Committee have been vaccinated free of charge and vaccine virus, furnished by the State Board of Health, has been distributed, free of charge, to physicians upon application. 184 children have been examined and certificates of successful vaccination given.

Disinfection by formaldehyde gas, at the termination of all cases of scarlet fever, diphtheria, and typhoid fever, has been done as heretofore. Also disinfection of apartments, occupied by persons suffering with tuberculosis, upon death or removal. School rooms have been disinfected, when there appeared to be danger from a pupil having been ill in school.

Licenses and permits have been issued as follows, viz:—

To hawkers and peddlers . . . . .	32
To collect grease and bones . . . . .	3
To sell milk from wagons . . . . .	43
To sell milk from stores . . . . .	46
To keep hens . . . . .	31

The following named undertakers have been licensed:—  
Albert J. Walton, John H. Gately, Stephen W. Harvey, Fred  
T. Churchill, and Henry W. Clark.

The Board has approved the applications of the following  
named persons to maintain boarding houses for infants, viz:  
Mrs. Agnes Thompson, Mrs. Jennie I. Chapman, Mrs. Marie  
Fester, Mrs. Mary Bourne, Mrs. Mary J. Crowley, Mrs. Clara J.  
Manley, and Mrs. Jane Harfst.

The following is the list of nuisances abated by order of the  
Board of Health or its agent, during the year and in parallel  
column, nuisances abated during the previous year.

	1911	1912
Privy nuisances . . . . .	6	7
Privies abolished . . . . .	6	4
Cesspool nuisances . . . . .	6	8
Cesspools abolished . . . . .	13	31
Premises connected with sewer by order of the Board . . . . .	4	1
Hen nuisances . . . . .	10	2
Dumping nuisances . . . . .	15	11
Offensive garbage pail . . . . .	4	2
Uncleanly premises . . . . .	15	18
Dumping garbage . . . . .	1	5
Pig nuisances . . . . .	6	1
Stable nuisances . . . . .	4	5
No water supply . . . . .	1	0
Manure . . . . .	2	2
Stagnant water . . . . .	1	5
Insufficient sanitary provision . . . . .	1	2
Obstructed house drain . . . . .	1	3
Defective plumbing . . . . .	6	3
Offensive catch basin . . . . .	1	0
Animals in cellar . . . . .	2	0



Obstructed private sewer.....	1	0
Committing nuisances.....	2	0
Burning rubbish.....	1	1
Ell Pond Brook.....	1	0
Private sewer leaking.....	1	0
Complaints investigated and no cause for com- plaint.....	11	3
Bill Board nuisances.....	2	0
Dead Animals buried.....	47	59

A new contract for the collection of garbage was made with Charles E. and Alfred E. Swain. Household-ers should not forget that any successful disposition of garbage, like "Charity, begins at home." First: No broken glass, crock-ery, or empty cans, or poisonous or offensive substances, should be put in the garbage can. Even a pig is entitled to some consideration.

Second: All garbage should be drained. The con-tractor is not required to haul or dispose of water. Again, in winter if garbage contains water, it freezes and the can is in-jured in removing it.

Third: The receptacle should not leak, have a close fitting cover, and be fly proof, and it should be washed, in summer time, after each collection.

If householders will observe these recommendations and remember that under the contract they are entitled to two collections each week, the Board will be glad to investigate every charge of neglect or failure upon the part of the con-tractor.

The Board has made sanitary inspection of all dairies in Melrose and nearby towns, sending milk here. While con-ditions are by no means ideal, yet there is, upon the whole, improvement each year.

Table I.  
CONTAGIOUS DISEASES REPORTED TO THE BOARD OF HEALTH IN 1912.—BY MONTHS.

Diseases.	Jan.	Feb.	Mch.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Scarlet Fever.....	1	4	4	2	1	1	1	..	..	..	1	2	17
Typhoid Fever.....	..	..	1	1	1	2	..	..	1	..	1	..	9
Whooping Cough.....	31	19	10	4	1	..	2	1	1	..	5	20	94
Diphtheria.....	..	..	..	1	..	3	7	1	1	..	2	2	18
Chicken Pox.....	15	13	2	..	..	2	..	..	..	..	2	5	39
Tuberculosis.....	1	..	1	7	2	..	1	..	..	1	..	2	15
Measles.....	66	65	39	86	85	34	5	..	..	..	..	1	381
German Measles.....	..	1	1	1	4	..	..	..	..	..	..	..	7
Ophthalmia Neonatorum.	..	..	..	2	1	..	..	1	1	..	..	..	5
Total.....	114	102	58	104	95	42	16	5	3	3	11	32	585

Table II.  
CONTAGIOUS DISEASES SINCE 1900.

Diseases.	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912
Scarlet Fever .....	38	33	23	26	23	59	36	80	89	106	32	36	17
Diphtheria.....	44	52	35	41	19	30	40	50	58	18	41	20	18
Typhoid Fever.....	19	17	12	10	11	14	9	8	13	15	14	6	9
Chicken Pox.....	..	3	4	5	18	41	15	10	27	22	33	44	39
Whooping Cough.....	..	2	30	22	13	1	77	14	7	124	..	39	94
Measles .....	..	467	75	32	76	459	63	18	379	24	18	129	381
Tuberculosis.....	..	..	1	1	4	11	20	22	28	39	27	15	15
Cerebro-Sp'l. Men.....	..	..	..	..	..	..	2	..	..	..	1	..	..
German Measles.....	..	..	..	..	..	..	..	4	17	..	2	10	7
Orphthalmia.....	..	..	..	..	..	..	..	1	1	1	1	3	5
Erysipelas.....	..	..	..	..	..	..	..	..	1	..	..	..	..
Tetanus.....	..	..	..	..	..	..	..	..	..	1	1	..	..
Tub. Meningitis.....	..	..	..	..	..	..	..	..	..	2	1	..	..
Infant Paralysis.....	..	..	..	..	..	..	..	..	..	2	2	1	..

Table III.  
MORTALITY FROM PRINCIPAL DISEASES SINCE 1900.

Diseases.	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912
Diphtheria.....	5	3	2	1	2	0	3	3	2	0	3	0	1.
Scarlet Fever.....	3	0	1	1	0	1	0	1	0	1	0	1	0
Typhoid Fever.....	1	4	1	1	1	0	3	1	2	3	1	0	1
Consumption.....	20	17	18	18	20	20	21	23	15	17	17	10	14
Pneumonia.....	14	6	16	16	18	8	13	21	14	21	21	7	16
Heart Disease.....	27	21	30	17	29	37	27	39	31	33	29	27	30
Old Age.....	9	6	4	8	6	2	5	3	6	7	2	5	13
Cancer.....	10	11	12	10	14	20	18	15	17	15	19	14	27

Table IV.

	Births	Death of Children Under 1 year	Rate of Mortality of Children under 1 year per 100 of Children born
1910.....	312	36	11.53
1911.....	325	18	5.54
1912.....	305	10	3.24

## DEATHS.

## DEATHS BY SEXES.

(Still Births Excluded).

Number of deaths of males.....	80
Number of deaths of females.....	98

## DEATHS BY AGES.

(Still Births Excluded).

	Total	Males	Females
Deaths of persons under 1 year.....	10	5	5
“ “ “ from 1 to 2 years.....	4	3	1
“ “ “ “ 2 to 3 years.....	2	1	1
“ “ “ “ 3 to 4 years.....	2	1	1
“ “ “ “ 4 to 5 years			
“ “ “ “ 5 to 10 years.....	2	1	1
“ “ “ “ 10 to 15 years			
“ “ “ “ 15 to 20 years .....	4	1	3
“ “ “ “ 20 to 30 years.....	6	3	3
“ “ “ “ 30 to 40 years.....	10	3	7
“ “ “ “ 40 to 50 years.....	18	7	11
“ “ “ “ 50 to 60 years.....	14	10	4
“ “ “ “ 60 to 70 years.....	29	14	15
“ “ “ “ 70 to 80 years.....	44	14	30
“ “ “ over 80 years.....	33	17	16
	<hr/> 178	<hr/> 80	<hr/> 98

## DEATHS BY MONTHS.

(Still Births Excluded).

Deaths in January.....18	Deaths in July.....14
“ “ February.....15	“ “ August.....12
“ “ March.....21	“ “ September.....9
“ “ April.....11	“ “ October.....17
“ “ May.....12	“ “ November.....13
“ “ June.....21	“ “ December.....15

Total number of deaths from all causes (exclusive of still births), 178.  
Still births, 11.

## CAUSES OF DEATHS

## I.—GENERAL DISEASES.

Typhoid Fever.....	1
Measles.....	1
Whooping Cough.....	1
Diphtheria and Croup.....	1

Erysipelas.....	1
Other epidemic diseases.....	1
Purulent infection and Septichaemia.....	1
Tuberculosis of Lungs.....	10
Tuberculosis Meningitis.....	2
Abdominal Tuberculosis.....	1
Tuberculosis of other organs.....	1
Cancer and other malignant tumors of the stomach and liver.....	9
Cancer and other malignant tumors of the intestines.....	2
Cancer and other malignant tumors of the female genital organs.....	1
Cancer and other malignant tumors of other organs.....	15
Chronic Rheumatism and Gout.....	1
Diabetes.....	1
Pernicious anaemia.....	1

## II.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.

Locomotor Ataxia.....	1
Cerebral Apoplexy.....	18
General Paresis.....	1
Epilepsy.....	1
Diseases of the Ears.....	1

## III.—DISEASES OF THE CIRCULATORY SYSTEM.

Chronic Endocarditis.....	1
Valvular Disease of Heart.....	14
Myocarditis.....	6
Angina Pectoris.....	2
Arteriosclerosis.....	1
Aneurysm.....	1
Heart Disease.....	5

## IV.—DISEASES OF THE RESPIRATORY SYSTEM.

Broncho-pneumonia.....	5
Pneumonia.....	16

## V.—DISEASES OF THE DIGESTIVE SYSTEM.

Diarrhoea and Enteritis (under 2 years).....	2
Diarrhoea and Enteritis (over 2 years).....	1
Appendicitis.....	2
Trichinosis.....	1
Biliary Calculi.....	2
Other diseases of the Digestive System.....	4

## VI.—DISEASES OF THE GENITO-URINARY SYSTEM.

Chronic Bright's Disease.....	11
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Prostate, Hypertrophy of.....	2
Pelvic Abscess.....	1

#### VII.—THE PUERPERAL STATE.

#### VIII.—DISEASES OF THE SKIN.

Carbuncle.....	1
Senile Gangrene.....	1

#### IX.—DISEASES OF Locomotor SYSTEM.

#### X.—MALFORMATIONS.

Hydrocephalus.....	1
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#### XI.—DISEASES OF EARLY INFANCY.

Atelectasis.....	2
Compression of Cord.....	1

#### XII.—OLD AGE..... 5

Dementia.....	2
General breaking down.....	2
Senile Heart.....	2
Exhaustion.....	1

#### XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.

Suicide by fire-arms.....	1
Suicide by opium.....	1
Suicide by cutting throat.....	1
Traumatism by falling down stairs.....	1
Traumatism by falling on floor.....	1
Traumatism by falling from tree.....	1
Potomian poisoning.....	1
Suffocation by smoke.....	1

#### XIV.—ILL DEFINED DISEASES, 2.

	1910	1911	1912
Apparent death rate per 1,000 population...	13.00	10.98	10.33
Corrected death rate per 1,000 population...	14.43	12.03	11.88

NOTE:—The corrected death rate is found by eliminating the records of all non-residents dying in Melrose, and adding the records of all Melrose residents dying elsewhere, as shown by the records of the City Clerk.

#### FINANCIAL STATEMENT.

Expenditures of the Board of Health in detail:  
General Administration

Salaries of Board.....	\$531.25
Salary of Clerk.....	267.19
Stationery, Postage, and Printing...	61.65
Telephone.....	49.21
Office Furnishings.....	3.50
Sundries.....	25.82

Total.....	\$938.62
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## Other Expenses:

Examination of Cultures.....	\$14.00
Sanitary Inspection.....	150.00
Plumbing Inspection.....	650.00
Fumigation and Disinfection.....	70.07
Dumps.....	6.50
Burial Dead Animals.....	46.50
Office Furnishings.....	14.25
Care of Insane.....	20.00
Inspection of Ice.....	24.00
Sundries.....	60.64

Total.....	\$1,055.96
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## Quarantine and Contagious Disease Hospital:

Outside Aid.....	\$22.31
Maintenance of Contagious Hospital.	24.05
Maintenance of Patients at other Hospitals.....	735.69
Reimbursement of other Cities and Towns.....	234.00
Ambulance and Carriages.....	49.25

Total.....	\$1,065.30
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## Inspection:

Inspection of School Children.....	\$225.00
Inspection of Animals and Slaughter Houses.....	100.00
Inspection of Milk.....	100.00

Total.....	\$425.00
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## Refuse and Garbage Disposal:

Removal of Garbage.....	\$1,856.68	\$1,856.68
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## Tuberculosis:

Board at Hospitals.....	\$570.00	\$570.00
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Total Expenditures.....		<u>\$5,911.56</u>
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## Revenues of the Board of Health:

Licenses.....	\$49.00
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Contagious Disease Reimbursements	151.06
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Total Revenues.....	<u>\$200.06</u>
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CLARENCE P. HOLDEN,  
ARTHUR A. HAYDEN,  
EDMUND L. GRUNDY,

*Board of Health.*

Jan. 31, 1913.

# Report of Inspector of Plumbing

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January 1, 1913.

*To the Board of Health, City of Melrose, Mass.*

Gentlemen:—

I submit the following as the annual report of plumbing inspection for the year ending December 31, 1912.

Number of applications received.....	154
Number of permits granted.....	154
Number of new buildings connected with sewer.....	44
Number of old buildings connected with sewer.....	31
Number of new buildings connected with cesspools.....	10
Number of old buildings connected with cesspools.....	3
Number of sinks installed.....	156
Number of wash trays installed.....	89
Number of water closets installed.....	194
Number of bath tubs installed.....	124
Number of wash bowls installed.....	145
Number of new traps installed.....	22
Number of pantry sinks installed.....	1
Number of slop sinks installed.....	5
Number of urinals installed.....	1
Drinking fountain installed.....	1
Shower baths installed.....	1
Garage wash stands, floor drains and traps installed.....	14
Total number of fixtures installed.....	753

Respectfully submitted,

ANDREW J. BURNETT,

*Inspector of Plumbing.*

## Report of Inspector of Milk

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January 31, 1913.  
Melrose, Mass.

*To the Honorable Board of Health,*  
Gentlemen:—

It is my pleasure, as Inspector of Milk of the City of Melrose, to state that in my report for the year 1912, I have been highly pleased with the standard maintained by the Milk Dealers in Melrose.

During the year just closed, I have made analyses of one hundred and seven samples of milk, and in only one case has it failed to measure up the required standard.

Respectfully yours,  
(Signed) CALEB W. CLARK, M. D.,  
*Milk Inspector.*

## Report of Inspector of Animals

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February 1, 1913.

*To the Board of Health, Melrose, Mass.*

Gentlemen:—The routine examination of animals and stables under the regulations of the State Department of Animal Industry is now made in the month of February, and therefore has not been made since I undertook the duties of the office.

I found during the year, one glandered horse, which was killed. I have made two inspections of slaughtering, passing 68 pigs and condemning 2.

Respectfully submitted,

F. P. STURGES, V. S.

*Inspector of Animals.*



## Report of the City Solicitor

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*Hon. Oliver B. Munroe, Mayor, Melrose, Mass.*

Pursuant to the requirements of the ordinances, I have the honor to submit herewith the annual report of the Law Department for the year 1912.

When I took office on March 4th, 1912, there were twenty-two suits pending against the City. During the year one more suit has been brought and thirteen suits have been disposed of, making the total number of suits pending on January 1, 1913, ten in number, the fewest ever pending against the City in recent years. Of this number it is probable that a decision of the Supreme Court will prevent four from ever being successfully maintained. A fifth, if ever tried, will be defended by the Bay State Street Railway Co., which is a co-defendant, and two others are the only remaining cases growing out of the dynamite explosion on Main Street, several years ago.

Owing to an act of the Legislature passed in 1911, all cases which had been pending in the Superior Court more than two years, were ordered by the Court to be tried. This order brought forward for trial, a number of cases instituted several years ago in which no opportunity existed to obtain accurate evidence of the facts and which it had long been assumed by this Department, would never be tried. Three of these cases resulted in verdicts, one of which was paid, and the other two compromised at a substantial reduction below the verdict. Of the remaining ten cases disposed of during the year, eight were dismissed with either nominal or no expense to the City, after consultation with the parties or their attorneys and appearance in Court, and the other two were settled upon recommendation of this Department and after consideration by the Committee on Legal and Legislative matters.

When I assumed the duties of this department, there was but one case pending in which the City was plaintiff. That case was a petition to the Supreme Judicial Court for Suffolk County for an apportionment of the expense of reconstructing Spot Pond Brook, in accordance with the provisions, Chapter 406 of the Acts of 1904. The petition was brought in 1904

soon after the passage of said Act but never prosecuted inasmuch as the act left it optional with the Cities to accept the award and it was believed that consequently nothing could be gained by the proceeding. During the past year the same question has been raised in another and more effective way, namely, the appointment of a commission by the Legislature of 1912 to again investigate the Spot Pond Brook problem. The report of this commission is now before the General Court of 1913.

During the past year, this department has been called upon to bring but one suit in behalf of the City. This was a bill in equity to restrain the operation of a stone crusher on Linwood Avenue and was instituted at the request and pursuant to an order of the Board of Aldermen passed in November, 1911. The Court has recently over-ruled the defendants' demurrer to the City's amended bill and the case now stands ready for trial on the merits, subject to the defendants' right of appeal to the Supreme Court. The opinion of the Court in this case has brought forth the fact that our building ordinances are not only inadequate but in some instances invalid. I wish, therefore, to concur with the recommendations of the Inspector of Buildings in his report that the building laws of the City be revised.

In addition to the work incidental to and connected with the litigation, settlement and disposal of the aforesaid pending cases, four claims against the City have been settled after hearing before and consultation with the Committee on Legal and Legislative matters, but by far the greater amount of time devoted to the department has been spent in the preparation and rendering of opinions to the various members of the Board of Aldermen and other City Officials on questions which have arisen from time to time, often requiring an extended and careful consideration of the law, in the drawing of contemplated orders for action by the Board, examination of land titles and preparation of deeds in connection with the taking of land for park and highway purposes and the drawing of contracts. This last item includes practically all the contracts for the construction and equipment of the Soldiers' and Sailors' Memorial Building, so called, which involved many conferences with the

Building Committee, the Architect and the various contractors.

Whenever pending legislation at the Staate House has threatened to affect the City, I have appeared before the Committee of the Legislature having the matter in charge, and presented to them the arguments which seemed to best conserve the interests of the City.

In closing I wish to take this opportunity to thank my brother officials for the many courtesies and much assistance they have rendered me during the year, which have greatly facilitated my work and at the same time made it a pleasure.

Respectfully,  
CHARLES H. GILMORE,  
*City Solicitor.*

# Report of the Inspector of Wires

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January 1, 1913.

*To the Honorable Mayor and Board of Aldermen:*

Gentlemen:—I respectfully submit the following report of the Wire Department from February 24, to December 31, 1912:

## **Fire Alarm System**

Has been kept in repair and have installed one new box, No. 46, corner Main and East Emerson streets.

## **Police Signals**

General repairs.

## **Electrical Work in Buildings.**

This class of work is improving, especially the so called reconnections. I have received four hundred notices for inspections, many of which I have visited two or three times. Among these have been four factories, one theatre, one memorial building and one hospital which I have visited three times a week for a period of three months each.

## **Street Wiring.**

The New Eng. Tel. & Tel. Co. has added West Foster and Vinton streets to its underground system, also has raised cables and wires over our streets, has replaced old fixtures and poles with new and in many places has insulated wires from trees.

The Malden Electric Co. has increased the size of its main feed wires throughout Main street, also has replaced old poles and old wires with new and in many places have insulated wires from trees.

I. L. CORTHELL,  
*Superintendent of Wires.*

## Report of the Chief of Police

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January 30, 1913.

*To the Honorable Oliver B. Munroe, Mayor, and the Members  
of the Board of Aldermen of the City of Melrose,*

Gentlemen:—In compliance with Chapter 33 of the Ordinances of this City, I respectfully submit the following report of the Police Department for the year 1912:

### Appropriation:

Salaries and Wages.....	\$16,996.80	
Expenditures.....	16,589.26	
		<hr/>
	\$407.54	
Transfer to Other Expenses.....	100.00	
		<hr/>
Balance.....		\$307.54

### Appropriation:

Horses and Care of Same.....	\$425.00	
Expenditures.....	396.95	
		<hr/>
Balance.....		\$28.05

### Appropriation:

Other Expenses.....	\$180.78	
Transfer from Salaries & Wages...	100.00	
		<hr/>
	\$280.78	
Expenditures.....	258.01	
		<hr/>
Balance.....		\$22.77

### Appropriation:

Equipment and Repairs.....	\$200.00	
Expenditures.....	190.17	
		<hr/>
Balance.....		\$9.83

## Offences for which complaints have been made in Court:

Adultery . . . . .	1
Assault with dangerous weapon . . . . .	1
Assault with battery . . . . .	11
Bastardy . . . . .	2
Breaking and entering . . . . .	2
Breaking and entering and larceny . . . . .	3
Contempt of Court . . . . .	4
Carrying revolver without license . . . . .	1
Cruelty to animals . . . . .	1
Default warrants . . . . .	2
Disorderly conduct . . . . .	3
Disturbance of the peace . . . . .	7
Delinquent children . . . . .	2
Drunkenness . . . . .	139
Fornication . . . . .	1
Gaming on the Lord's Day . . . . .	4
Keeping and exposing liquors . . . . .	2
Larceny . . . . .	4
Non support . . . . .	13
Peddling without license . . . . .	3
Search warrants for liquors . . . . .	2
Search warrant for goods . . . . .	1
Violation of auto laws . . . . .	2
Violation of City Ordinances . . . . .	2
Violation of probation . . . . .	1
Violation of Statutes . . . . .	2
Trespassing . . . . .	1

## Miscellaneous Report.

Accidents reported . . . . .	6
Arrests for out of town officers . . . . .	7
Arc lights reported out . . . . .	42
Autos stopped and warned . . . . .	14
Bicycles found and returned . . . . .	3
Board of Health notices served . . . . .	5
Buildings and houses specially protected . . . . .	14
Cases and complaints investigated . . . . .	205
Cats disposed of . . . . .	3
Defects in streets reported . . . . .	30



## POLICE REPORT

73

Defects in sidewalks reported . . . . .	2
Disturbances suppressed . . . . .	22
Dogs killed . . . . .	8
Doors and windows found unlocked and secured . . . . .	224
Electric and telephone wires burning trees . . . . .	14
Electric and telephone wires reported down . . . . .	16
Fire alarms attended by officers . . . . .	53
Fire alarms given by officers . . . . .	3
Fires extinguished without giving an alarm . . . . .	3
Fire Department called on still alarm . . . . .	2
Gas leaks reported . . . . .	3
Horses killed . . . . .	2
Horses found roaming and taken care of . . . . .	3
Houses found vacant . . . . .	9
Incandescent lights reported out . . . . .	125
Insane committed . . . . .	8
Investigation of Jurymen . . . . .	156
Lost children found and returned home . . . . .	8
Letters delivered for City Clerk . . . . .	1,231
Leaks in water pipes reported . . . . .	31
Lanterns hung in dangerous places . . . . .	10
Miscellaneous notices delivered . . . . .	85
Notices delivered for police of other cities and towns . . . . .	14
Obstructions removed from streets . . . . .	15
Persons assisted home . . . . .	8
Runaway horse stopped . . . . .	1
Street signs reported down . . . . .	20
Summonses served . . . . .	82
Special messages delivered by Patrolmen . . . . .	25
Stray horses found in street . . . . .	2
Trees reported down . . . . .	3
Value of property recovered and returned . . . . .	\$450.00
Duty calls by officers from boxes (April 24, to Dec. 31, 1913) . . . . .	23,577
Telephone calls from boxes, (April 24, to Dec. 31, 1913) . . . . .	2,537
Wagon calls from boxes, (April 24, to Dec. 31, 1913) . . . . .	51
Ambulance calls from boxes, (April 24, to Dec. 31, 1913) . . . . .	4
Wagon calls other than from patrol boxes . . . . .	101

Ambulance calls other than from patrol boxes . . . . . 106

Respectfully submitted,

GEORGE E. KERR,

*Chief of Police.*

# Report of the Overseers of the Poor

Feb. 1, 1913.

*To the Honorable Mayor and Board of Aldermen, City of Melrose, Massachusetts:—*

Gentlemen:—The Board of Overseers of the Poor herewith submits its annual report for the year ending December 31, 1912.

The entire expenditures of the department, exclusive of official salaries, amounted to \$7,180.24. The receipts of the department amounted to \$1,006.06, \$1,000.00 of which was appropriated for departmental purposes and is included in said \$7,180.24. The net cost to the City of the department, amounted, therefore, to \$6,180.24.

The entire number of families aided was 58, the total number of individuals 196. This is exclusive of 17 persons, who at some time during the year were or became absolutely dependent upon the City. While this shows an increase from the previous year in the number of those receiving assistance, a study of the following table will indicate that, considering the advancing cost of living and the increasing population of our City, the situation is, on the whole, very satisfactory.

	Families Partially Aided	Individuals Partially Aided	Individuals Wholly Supported
1900	62	243	43
1901	45	283	40
1902		296	49
1903	89	300	16
		(outside relief).	(City Farm).
1904	99	299	9
		(outside relief).	(City Farm). <sup>c</sup>
1905	94	334	11
		(outside relief).	(City Farm).
1906	75	261	21
1907	67	258	16
1908	83	297	18
1909	71	254	17
1910	79	205	32
1911	38	121	11
1912	58	196	17

The members of the Board have spent much of their individual time in thoroughly investigating every application

for relief and have kept the progress of each case under careful observation so that the amount and nature of the relief granted should be constantly appropriated to the necessities of each case, often found to be variable.

The Board has not hesitated to discontinue relief when, in their judgment, a period of need has passed or to deny aid when it was felt that an imposition upon the City was attempted. The Board feels today that every case carried on its books is meritorious and deserving of the quantity of relief granted.

Many of those assisted are women, widowed or deserted by their husbands, and left without means of support with dependent children. Many of these families are in a very necessitous condition and are leading cheerless lives.

The Board feels that much more assistance is deserved in many cases than is granted, but as much is done as the size of the appropriation permits. It is believed that the affairs of the department are conducted with reasonable economy and efficiency and that as much effective work in the relief of the needy is accomplished as is possible within the limits of the department's appropriation. The work, moreover, has been done in as quiet and inoffensive a manner as possible. The identity of those assisted being withheld from the public at large. The Board has always sought to spare the feelings of those unfortunates who have asked relief and save them from humiliation.

The conditions at the City Home have occasioned much favorable comment during the past year. The buildings are in a good condition of repair and the interior arrangements are convenient and comfortable. The inmates have been exceptionally well treated and are furnished with as many of the accessories of a real home as is possible in a public institution.

The farm itself has been cultivated as extensively as was thought economical in view of the present cost of labor.

The Superintendent and Matron have discharged their duties satisfactorily and have co-operated with the Board to reduce the expense of the Home, without, at the same time, impairing its usefulness. There are at present 5 inmates, all of advanced age and suffering from some physical disability.

A large proportion of the poverty that has come under the Board's observation is caused or greatly aggravated by the use of intoxicating liquors. Members of families have become estranged, wage earners have been deprived of employment or have deserted their dependent families, money needed for the necessities of life has been squandered, and immoralities have been practised all through the agency of drink. Unfortunately the sufferers have been, in many cases, the innocent dependents. The Board has exercised severity in many cases and has not hesitated at court proceedings, when such a step seemed wise. In the effort to prevent rather than cure the disease of needless poverty, there is much work that can profitably be done in the cause of temperance.

### Financial Statement.

Total Appropriation.....	\$7,512.25
General Administration.....	\$750.00
Almshouse (\$1,000 from receipts).....	2,412.25
Outside Relief.....	3,400.00
Relief by other Cities and Towns.....	950.00
<hr/>	
Total Expenditures.....	\$7,577.74
General Administration.....	\$734.09
Almshouse.....	2,423.80
Outside Relief.....	3,369.06
Relief by other Cities and Towns.....	894.65
An unpaid account contracted during	
1912.....	156.14
<hr/>	
	\$7,577.74

### General Administration.

Budget Appropriation.....	\$750.00
Expended.....	\$336.59
Salary of Board.....	397.50
Transfer to "Almshouse".....	11.55
Transfer to "Relief of other Towns	
and Cities".....	4.36
<hr/>	
	\$750.0

**Partial Support.**

Individuals Aided . . . . .	196
Having settlement in Melrose . . . . .	184
Having settlement elsewhere in State . . . . .	38
Having no known settlement . . . . .	11
Having disputed settlement . . . . .	13
Individuals receiving Medical Aid only . . . . .	14
Families Aided . . . . .	58
Having settlement in Melrose . . . . .	43
Having settlement elsewhere in State . . . . .	8
Having no known settlement . . . . .	5
Having disputed settlement . . . . .	2

**Full Support.**

Supported at City Farm during year . . . . .	14
Deaths at City Farm during year . . . . .	1
Cases discharged . . . . .	8
Remaining at City Farm January 1, 1913 . . . . .	5
Boarded in private families . . . . .	3

GEORGE R. FARNUM, Chairman,  
 JABEZ S. DYER,  
 MRS. ADALINE G. REED,

March 17, 1913.

*Charity Department.*



## EIGHTH ANNUAL REPORT OF THE TRUSTEES OF PINE BANKS PARK.

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Only within the past few years has the public begun fully to realize and in so doing, to enjoy the benefits and pleasures encompassed within the area of the Park. Always has this woodland been an attraction to nature lovers,—hill and dale, wooded clumps and open spaces, tall pines and white barked birches, birds and running water,—but even after it became public domain, nature alone was not a sufficient allurements, and athletic fields were added, and now not infrequently, a thousand lovers of base ball have witnessed a single game, and during the season just passed, about one hundred permits have been issued.

In 1909 the "Zoo" had its unpretentious beginning and the Trustees were soon made to realize that the public enjoys not still nature, but life in any form,—bird or beast,—and acting upon this quickened interest, they have sought to repopulate these tracts with the former fur and feathered inhabitants which in years of the past freely came and went in their own way. Pigeons, rabbits, squirrels and raccoon live within the Park, now confined in cages so that they may be observed, and hundreds of children with their parents come to watch them. During the past year an owl, some crows and deer have been added, the latter a gift of Col. Harry E. Converse, a son of the donor of the Park, and within the large enclosure they are given ample opportunity to roam, and the observer is led back to the period when these beautiful creatures found here their native habitat.

In order that the citizens may get the full benefit of the Log Cabin, the Trustees have made extensive repairs and it is now in excellent condition. It has been frequently used during the past summer and fall by the young people of the two cities, who evidently have enjoyed the novelty of meeting within its log-built walls, as many parties from lodge and church have engaged it for their out-of-door twilight gatherings.

It is very gratifying to the Trustees to note that hundreds of people who on Sundays and other days, even when the atmosphere has become chilled by the cooler winds of the fall

and winter, are visiting the Park, apparently to see the birds and animals, and the Trustees are desirous of making it even more alluring, if that may be, and to this end have dredged and dammed the pond thus furnishing a larger area for the ducks and geese, which to many are an attraction.

The large use of the Park necessarily entails additional labor and care on the part of the Superintendent, but Mr. George H. Cray has given the same satisfactory service that he has in the past.

Each year some special need receives the attention of the Trustees, and what has been for some time a break in the otherwise green bank of trees on the Main Street side, has been planted with shrubs, which will hold the earth and thus complete the line of green on this public thoroughfare.

The attack of the Gypsy and Brown Tailed Moths caused the loss of many beautiful trees in the past and the expenditure of many thousands of dollars, but the Trustees are following what they consider a wise policy of constant vigilance with no attempt to retrench, in this direction, believing that these pests should be removed at any cost, and we are now gratified in reporting that the grounds are very clear and that no trees are now so affected as to require their removal.

We desire to again record our obligations to the State authorities who have contributed valuable suggestions and useful equipment to the Park.

For the past two years the Cities of Malden and Melrose have each contributed fifteen hundred dollars toward the maintenance of the Park, and under this arrangement the Trustees have paid for the expense of keeping the grounds free from the ravages of the Gypsy and Brown Tailed Moths. The Trustees therefore desire to ask that the sum of fifteen hundred dollars be appropriated by each city for the coming year, as this sum is required for the proper care of this area which is already one of the most popular and largely visited Parks which either city maintains, and each year increases its value.

EDWARD E. BABB,

CHAS. E. FRENCH,

GEO. LOUIS RICHARDS,

WILLIAM D. SERRAT.

# REPORT OF THE TREASURER OF PINE BANKS PARK

## FOR THE YEAR 1912.

### Receipts.

Balance from 1911 . . . . .		\$125.18
Received from City of Malden . . . . .	\$1,500.00	
Received from City of Melrose . . . . .	1,500.00	
Wood, Licenses, Renting Cabin . . . . .	65.00	
Interest . . . . .	35.31	\$3,100.31
		<hr/>
		\$3,225.49

### Expenditures.

Wages of Employees . . . . .	\$2,488.72
W. H. Cunningham & Son, Grain . . . . .	53.60
New Eng. Tel. & Tel. Co., Telephone . . . . .	31.79
Boston Rubber Shoe Co., Stable Ex. . . . .	183.00
R. & J. Farquhar & Co., Seeds & Bulbs . . . . .	60.10
Malden City Lumber Co., Lumber . . . . .	30.79
Wm. MacNeil, Blacksmith Work . . . . .	17.90
W. D. Serrat, Insurance, Stamps . . . . .	40.00
City of Malden, Water . . . . .	22.54
A. M. Tuttle & Co., Shrubs . . . . .	37.50
F. W. Smith, Carpentry Work . . . . .	23.71
Wenz & Mackensen, Birds for Zoo . . . . .	35.42
E. Troland, Hardware . . . . .	52.42
E. T. Packard & Co., Fence Wire . . . . .	39.90
J. H. McDonald & Co., Plumbing . . . . .	11.32
Olympia Press, Printing Cards . . . . .	2.00
Dunbar & Kerr, Printing Reports . . . . .	5.50
Park, Pollard & Co., Birds . . . . .	3.00
E. E. Babb, Bases . . . . .	4.50
F. E. Coyle, Tools . . . . .	2.71
Ames Implement & Seed Co., Tools . . . . .	2.69
T. J. Gray Co., Tools . . . . .	12.60
B. F. Brinkhaus, Bulbs . . . . .	3.00
A. A. West, Hardware . . . . .	5.15
Locke Coal Co., Lime . . . . .	1.10
C. F. Marshall, Signs . . . . .	5.50
A. H. Westhaven, Shrubs . . . . .	25.00

J. Huggins & Son, Creosote.....	4.50	\$3,205.96
	<hr/>	<hr/>
Balance on hand.....		\$19.53
		<hr/>
		\$3,225.49

WILLIAM D. SERRAT,  
*Treasurer.*

I have examined the Account of the Treasurer and find  
them correct.

EDWARD E. BABB,  
*Auditor.*

# Report of Inspector of Buildings

---

January 11, 1913.

*To the Honorable Oliver B. Munroe, Mayor, and Members of the Board of Aldermen,*

Gentlemen:—I have the honor to submit herewith, the annual report of the Inspector of Buildings, for the year ending December 31, 1912.

The valuation of buildings erected during the past year has been the largest in the history of the city. It was, perhaps, an exceptional one, due to the fact that it has to its credit the Memorial and the new Hospital buildings, and the figures may not be as large again for some years to come. While the total estimate of cost amounts to about \$450,000, the actual building in progress during the year, which required inspection, was over half a million dollars. The city has been more fortunate than most of its neighbors, in having none of the cheaper types of apartment houses erected. The buildings, as a rule, have been well constructed and above the average architecturally.

A number of new features have been incorporated in the office system among them being, a new form of application. This is more complete in detail than the previous one and gives a better description of the proposed building. I believe that with this form in use, the present Ordinance, which requires the filing of plans and specifications of all buildings, could be abolished when the proposed building is only the ordinary two-story dwelling house. Owing to the fact that the majority of home builders in our city do not employ an architect, the above requirement appears to be a hardship, requiring as it does an additional expense for the drawing of plans.

Another feature is the use of "Building Notifications." These printed cards are placed in the hands of the Police Department and each patrolman carries a supply with him. When he observes a building being constructed or alterations being made, he fills in the card and it is returned to this office. This method of notification is employed in other cities and should give a complete record of all building operations.



They may also be made valuable to the Board of Assessors. When it appears that the owner has not obtained a permit previous to starting his work, a printed notice has been sent calling his attention to the fact. This method in all cases has brought about the application.

The present Building Ordinances are greatly in need of revision. They are incomplete, contradictory, and typographically wrong, and in some cases have been proven invalid. A great many of the elementary building laws are lacking, while in other cases the Ordinance appears too stringent. An order introduced by Alderman Arthur F. Whalen, and recently passed by that Board, calls for a committee "for the purpose of inquiring into the above subject and reporting to the Board of Aldermen such legislation as, in their judgment, is necessary."

At the request of Ex-Mayor French, I submitted a report to the Metropolitan Fire Hazard Commission on the fire hazard in this city from the building standpoint. In this report I called attention to the laxity of some of our Ordinances, and also gave suggestions that might be incorporated in a new one. I quote the following from this report:

"First, we should have a strict ordinance applying particularly to so called 'three and four decker' apartment houses. The City may not be able to prevent the building of them but it may pass ordinances, so strict that no one will want to build them. I take this view not only because these buildings increase the fire hazard, but also, their effect on the value of adjacent property. I think the City is extremely fortunate in having very few buildings of this type, ( I can recall but six), but this good fortune may not continue as some of our adjoining cities have found out.

Again, in our present Ordinance there is nothing to prevent a party building on the extreme edge of his lot, thereby shutting out light and air, and proper means of fighting a fire on his own or adjacent property."

In the following record I have purposely refrained from making use of the phrase "work condemned" as is customary, and have substituted "changes demanded." This because of the fact that in almost every case the violation was made un-



intentionally, and in conclusion I might say that wherever these changes were asked, I have had the co-operation of both owner and builder in carrying them through.

### SUMMARY.

Total number of permits granted . . . . .	136
Granted by this office . . . . .	129
Granted by the Board of Aldermen . . . . .	7
Applications returned for more complete data . . . . .	1
Changes demanded before construction . . . . .	3
Changes demanded during construction . . . . .	9
Changes demanded in existing buildings . . . . .	1
Written reports requested by Mayor . . . . .	3
Police asked to prevent further work . . . . .	2
Unsafe chimneys corrected . . . . .	2
Buildings ordered torn down . . . . .	1

The following chart shows the building throughout the city, classified and arranged in Wards:—

# BUILDING OPERATIONS DURING 1912.

Upper Half of Square Denotes Number of Permits Issued—Lower Half gives the Cost Based on Estimates Stated in Application

	WARDS.							Average Cost.	Total Cost In City.
	1	2	3	4	5	6	7		
Dwellings.	11 \$49,600	12 \$47,800	7 \$32,600	10 \$45,150	3 \$15,300	5 \$17,500	14 \$23,300	\$3,790	\$231,250
Brick or Stone	1	1		4		2			8
Buildings.	1,500	1,000		147,000		42,000		23,938	191,500
Garages	6	1	3	2	1	1			14
Private	2,175	90	900	275	100	60		258	3,600
Storerooms Workshops Etc.		1			1	2	7		11
		300			25	650	3,175	377	4,150
Alterations Additions	5 1,920	7 7,275	3 250	5 4,050	4 900	10 4,525	7 1,900	508	41 20,820
Total By Wards	\$55,195	\$56,465	\$33,750	\$196,475	\$16,325	\$64,735	\$28,375	Grand Total. \$451,320	

NOTE:—The Memorial Building estimated at \$72,000 is included in the figures of Ward Four.

## FINANCIAL STATEMENT.

Appropriation.....\$25.00

## Expended.

Printing.....\$23.00

Rubber stamps......80

Filing envelopes.....1.20

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\$25.00

Respectfully submitted,

E. GREELY CLARK,

*Inspector of Buildings.*

# Report of the Sealer of Weights and Measures

---

*To the Honorable Mayor and Board of Aldermen,*

I herewith submit the annual report of the operations of the office of Sealer of Weights and Measures for the year 1912. A similar report together with a schedule of apparatus has been filed with the State Department.

	Adjusted	Sealed	Condemned
Platform Scales, over 5,000 pounds.....	1	9	
Platform Scales, under 5,000 pounds.....	7	57	1
Computing Scales.....		18	2
Day Measures.....		61	1
Liquid Measures.....		140	1
Counter Scales.....	16	187	6
Weights.....	35	599	
Milk Jars.....		31	1
Linear Measures.....		24	
	—	—	—
	59	1126	12

I have made re-weighings of coal in transit to consumers at various times and in no case have I found cause for complaint; the total over-weight was 75 pounds.

I have made a large number of test weighing in stores and on teams; and find that the dealers are complying with the Weights & Measures law; I have found an occasional over-weight in this class of work.

Ice Cream boxes (or containers) were closely followed up, with the result that two dealers were found to have "short boxes" in stock; these were destroyed and thereafter all dealers used boxes of legal dimensions. Berry boxes were tested daily in all parts of the city. If consumers accept berries in boxes which are not filled even with the top, the Sealer is powerless unless he witnesses the sale and delivery.

I have vigorously followed the Peddler's wagons during the season and endeavored to prevent infraction of the law. The ordinances relating to Peddlers is not explicit enough to

fully protect the public. Non-resident Peddlers should be obliged to pay a State or City license and come fully under the supervision of the police and sealer. Now they are on an equal footing with resident and tax-paying peddlers.

Fees received and paid to Treasurer.....\$44.84

Due December 31, 1912..... 3.12

Respectfully submitted

CHAS. E. MERRILL,

*Sealer of Weights & Measures.*

Jan. 7, 1913.

# Government of the City of Melrose

## 1912

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Mayor,  
CHARLES E. FRENCH.

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President of the Board of Aldermen,  
J. SYDNEY HITCHINS.

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### Aldermen at Large,

William A. Carrie, J. Sydney Hitchins, Leslie F. Keene, Arthur F. Whalen  
George A. Bailey, John Buffum, Peter J. Lynch.

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### Ward Aldermen,

Ward 1.	Frederick H. Knight,	George D. Orton
Ward 2.	Clifford N. Cochrane, resigned; Angier L. Goodwin elected to fill vacancy. Dexter Pratt, resigned; Joshua T. Nowell elected to fill vacancy.	
Ward 3.	Patrick J. Fitzgerald	James V. Howard
Ward 4.	Arthur H. Damon	Charles O. Wheeler
Ward 5.	Frederick T. Peabody	Walter E. Piper
Ward 6.	Jonathan H. Atkinson	Albert H. Harriman
Ward 7.	Albert A. Hersey	Ralph Foss Somes

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Clerk of the Board,  
W. DeHaven Jones, City Clerk.



# City Officers

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City Clerk,  
W. DeHaven Jones.

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Assistant City Clerk and Clerk of Committees,  
Victor C. Kirmes.

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City Treasurer,  
William R. Lavender.

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City Collector,  
James W. Murray.

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City Auditor,  
Edwin C. Gould.

---

Engineer and Superintendent of Public Works,  
George W. Wood.

---

Mayor's Clerk,  
Blanche E. Nickerson.

---

City Solicitor,  
Charles H. Gilmore.

---

Chief of the Fire Department,  
Joseph Edwards.

---

Chief of Police,  
George E. Kerr.

## CITY OF MELROSE

Inspector of Buildings,  
E. Greeley Clark.

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Inspector of Plumbing,  
Andrew J. Burnett.

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Inspector of Milk and Vinegar,  
Dr. Caleb W. Clark.

---

Inspector of Animals,  
F. P. Sturges.

---

Sealer of Weights and Measures,  
Charles E. Merrill.

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Agent State, Military Aid and Soldiers' Relief,  
Albert A. Carlton.

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Burial Agent,  
Albert A. Carlton.

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Assessors,  
Frank R. Upham, term expires 1913.  
L. Frank Hinckley, term expires 1914.  
William Morss, term expires 1915.

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Assistant Assessors,  
Alden B. Smith,      Merton G. Woodbury,      George S. MacNeal

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Inspector of Wires,  
Isaac L. Corthe'l.

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Board of Health,  
Clarence P. Holden, M.D., Chairman,  
Arthur A. Hayden,      Edmund L. Grundy,      Grace French, *Clerk*

## City Physician,

Clarence P. Holden, M.D.

## Overseers of the Poor,

George R. Farnum, Chairman.

Adaline G. Reed,

Jabez S. Dyer,

Grace French, *Clerk*.

## Matron of Pratt Farm,

Mrs. F. E. Mann.

## Superintendent of Pratt Farm,

Frank E. Mann.

## Park Commission,

Clarence T. Fernald, Chairman	Term expires	1915
Addison L. Winship	" "	1914
Robert A. Perkins	" "	1913
Oliver B. Munroe	" "	1917
George J. Foster	" "	1916

## School Committee,

Wallace R. Lovett	Term expires	1914
Eben F. Phillips	" "	1914
Sarah A. Day	" "	1914
William Coggeshall	" "	1915
Lowell F. Wentworth, Chairman	" "	1915
Frank L. Welt	" "	1915
Elmer O. Goodridge	" "	1913
Isabelle Stantial	" "	1913
William A. Morse	" "	1913

## Sinking Fund Commissioners,

Edward J. Kitching, Chairman	Term expires	1913
Franklin P. Shumway	" "	1914
Everett L. Fuller	" "	1915

### Trustees of the Public Library,

William T. Atwood.....	Term expires	1915
Rev. Paul Sterling.....	" "	1915
Edward M. Munyan, Chairman.....	" "	1914
Mary L. Charles.....	" "	1914
Neil A. Divver.....	" "	1913
Anna T. Bush.....	" "	1913

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### Cemetery Committee,

Willis C. Goss, Chairman,

Maurice G. Cochrane

L. Henry Kunhardt

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### Registrars of Voters,

Edwin L. Cragin, Chairman.....	Term expires	1913
John J. Keating.....	" "	1914
Edwin J. Tirrell.....	" "	1915

W. DeHaven Jones, City Clerk, Ex-officio.

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### Engineers of the Fire Department,

Joseph Edwards, Chief,

Thomas J. Hawkes, 1st Assistant,

Edgar W. Mansfield, 2d Assistant.

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### Measurers of Wood and Bark, Weighers of Hay and Grain.

George H. Walden	James G. Stiles	Frank E. Newell
Fred H. Goss	Eugenie J. Verrette	George Goodwin
Charles B. Goss	Florence E. Sinclair	George M. Hall
	A. H. Sulis, Jr.	

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### Public Weighers of Merchandise,

Edward A. Riley	Archie E. Jones	Isaac L. Slocomb
J. Osborn Leisk	Orietta Towner	Herbert M. Wade
William P. Pierce	Patrick G. DeCourcy	James McTiernan
Edward M. Caldwell	Herbert A. Lord	Edward Hilton

**Field Driver,**

Frank E. Mann.

**Pound Keeper,**

Frank E. Mann.

**Constables,**George W. Burke  
Daniel K. CollamoreCharles E. Merrill  
Osborne E. DrownGeorge E. Kerr  
George E. Burke**Keeper of the Lock-up,**

George E. Kerr.

**Police Officers,**George E. Kerr, Chief  
Harry Brown  
Redford M. Rand  
George E. Fuller  
William H. Doherty  
Louis B. Heaton  
Wallace B. EatonOsborne E. Drown, Captain  
William A. Caswell  
William C. McCarthy  
Allston H. Pineo  
Christopher B. Thompson  
Frank N. Pierce  
Michael Reardon**Reserve Officers,**William T. Fahy  
Wallace EatonGarfield Carpenter  
Albert McBethWilliam A. Riley  
Daniel J. Foley**Special Officers,**Frederick M. Kirmes  
Atwater B. Hathaway

M. James Hanley

Burgess W. Grover  
Joseph A. Lavin**Special Officers to Serve Without Pay,**Frank E. Mann  
Frank C. Newman  
Charles E. MerrillWilliam Riley  
George H. Cray  
John T. RussellRalph Cray  
Charles J. Wing  
Willard G. Lyon

## Report of the Park Commission

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*To the Honorable, the Mayor and Board of Aldermen of the City of Melrose.*

*Gentlemen:—*

In presenting the Third Annual Report, the Board of Park Commissioners calls attention to the fact that the real development of the magnificent Park area has begun, as outlined in the two preceding reports, as a project which has now been undertaken through the approval of your Honorable Board. There follows a detailed account of the appropriations and expenditures, both for the maintenance of existing parks and park areas and the specially authorized Ell Pond Park Development.

### Appropriations.

Total Appropriation . . . . .	\$1,625.00
Divided as follows:	
Parks, General Administration:	
Salaries and Wages . . . . .	\$75.00
Other Expenses . . . . .	75.00
Parks and Gardens:	
Salaries and Wages . . . . .	\$500.00
Improvements and Additions . . . . .	250.00
Other Expenses . . . . .	250.00
Playgrounds:	
Salaries and Wages . . . . .	\$50.00
Other Expenses . . . . .	50.00
Bath Houses and Beaches:	
Salaries and Wages . . . . .	\$350.00
Other Expenses . . . . .	25.00
	<hr/>
	\$1,625.00



Expenditures and Appropriations in different park accounts, 1912:

Parks, General Administration, Salaries & Wages:

Appropriation.....	\$75.00	
Expended, Salary for Clerk to Jan. 1, 1913.....	50.00	
Balance.....	<u>          </u>	\$25.00

Parks, General Administration, Other Expenses:

Appropriation.....	\$75.00	
Expended, Postage.....	\$14.57	
Telephone.....	10.00	
Envelopes.....	2.25	
	<u>          </u>	\$26.82
		<u>          </u> \$48.18

Balance in General Administration..... \$73.18

Parks and Gardens, Salaries and Wages:

Appropriation.....	\$500.00	
Caretaker.....	\$400.00	
Labor (payrolls).....	78.13	
Police.....	5.00	
Transfer to P. & G., other Expenses.....	16.87	
	<u>          </u>	\$500.00

Parks and Gardens, Improvements and Additions:

Appropriation.....	\$250.00	
Ames Plow Co., Seats.....	\$34.08	
Merrimac Chemical Co., Lead.....	7.50	
Wharf.....	25.50	
Ledder & Probst.....	1.45	
Collins Hardware Co., Seed.	16.50	
F. E. Coyle.....	1.20	
Labor (pay-rolls).....	163.51	
Transfer to P. & G., other Expenses.....	.26	
	<u>          </u>	\$250.00

## Parks and Gardens, Other Expenses:

Appropriation.....	\$250.00
Transfers.....	46.56
	<hr/>
	\$296.56

George de Cost, Labor....	\$7.00
Wm. J. Warren, Labor....	10.00
Perry & Marston, Material.	10.11
Benson Coal Co., Sand....	3.50
T. E. Mollins, Dressing and Labor.....	5.75
H. E. Robinson, Flagpole	85.00
G. I. Stevens, Loam.....	39.25
F. E. Coyle, Tools, etc.....	37.43
E. W. Mansfield, Paint....	10.00
Public Works, Piping and Curbing.....	29.44
M. J. Kiley, Dressing.....	3.00
D. T. Sinnott, Lawn Mower	1.00
Bugbee & Barrett, Seed...	10.27
B. & M. R.R., Freight.....	2.48
Deering Lumber Co., Wharf	20.70
Collins Hardware Co., Seed.	11.00
Rapp, Florist, Flowers....	6.50
Joseph Edwards.....	3.00
	<hr/>
	\$295.43

Balance.....	\$1.13
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## Playgrounds, Salaries and Wages:

Appropriation.....	\$50.00
Caretaker.....	\$22.00
Police.....	4.50
Transfer to P. & G., other Expenses.....	23.50
	<hr/>
	\$50.00

## Playgrounds, Other Expenses:

Appropriation.....	\$50.00
Benson Coal Co., Sand....	\$2.50
W. J. Bowser, Labor.....	3.15
Expressing.....	.25
Iver Johnson Co., Quoits...	1.80
Perry & Marston, Material.	.90
Wright & Ditson.....	2.00
F. E. Coyle, Goods.....	1.24
Chas. Everson, Wharf....	34.80
Transfer to P. & G., other Expenses.....	3.36
	<hr/> \$50.00

## Bath Houses and Beaches, Salaries and Wages:

Appropriation.....	\$350.00
Foley & Pendleton, Care- takers.....	\$323.33
Police.....	24.50
Transfer to P. & G., other Expenses.....	2.17
	<hr/> \$350.00

## Bath Houses and Beaches, Other Expenses:

Appropriation.....	\$25.00
Supplies and Repairs....	\$24.60
Transfer to P. & G., other Expenses.....	.40
	<hr/> \$25.00

Total Balance of Different Park Accounts.....	\$74.31
Bills Accrued.....	\$72.50
Balance.....	<hr/> \$1.81

The purpose of the Commission has been to keep in order and improve as far as possible, the plots and areas now owned by the City and devote to the public uses. These areas comprise:

Areas at Howard and Green Streets. Elm and Avon Streets. West Emerson and Vinton Streets. Cedar Park, West Foster and Cottage Streets.

The Common.

Areas at Lynde and Main Streets.

There has been no unusual or important expenditure on any of these, with the exception of the Common. Here the baseball diamond has been levelled and put in better condition; bleachers and band stand painted; back-stop repaired, and additional settees placed; trees have been planted to fill vacant spaces, and the old trees trimmed and fertilized.

The City has constructed a sidewalk along the West end of the Common, and the Commissioners recommend that a continuous sidewalk be constructed on the South, East and North sides.

#### **Sewall's Woods Park.**

This beautiful tract of  $9\frac{1}{2}$  acres, situated in what is rapidly becoming a thickly settled section, is capable of vast improvement. All that we have been able to do in the past year is to clear a space 100 feet wide on all sides; care for the trees and remove all dead wood.

On the South or Boulevard frontage, steps and walks have been constructed leading to the Spring, and additional settees have been placed in several locations. It is the intention of your Commission to plant trees throughout this whole area, and to gradually make improvements of a permanent nature, and make attractive the whole tract as rapidly as appropriations will warrant. An outlook shelter is contemplated, from which a view of the whole city may be obtained.

#### **Lynde and Main Streets.**

At Lynde and Main Streets there is a considerable area, the walks have been repaired, plants have been arranged in beds, the flagpole repainted, etc.

### Labor in Department.

Following the plan adopted last year, arrangements were made with the same citizen to perform the general work of the department in the matter of grass cutting, maintenance, etc., this work being under the personal supervision of a member of the Commission.

### Bath House.

The Bath House has again proved to be an important factor in the Park attractions. Conducted under the "Rules and Regulations" of the Commission, it has afforded convenient enjoyment to 9,814 of our citizens during 1912, classified as follows:

Men.....	8,505
Women.....	8
Children.....	1,301
	9,814

Two attendants have been kept on duty during the season and your Commission is gratified that no accident occurred. In this connection we desire to commend Mr. Daniel J. Foley for quick and effective courage in saving lives on four occasions

June 26.....July 8.

June 29.....July 19.

Boats and life saving appliances are kept ready for instant use, and every safeguard is taken.

### Ell Pond Park.

The particular and important work of the year has been the beginning of the development of the naturally beautiful Ell Pond Park. The appropriation of \$12,000 was available so late that only preliminary work could be done last year, viz: to begin the construction of a roadway around the "Knoll." However, the planning for aggressive work in the Spring of 1912, was carried on during the Winter, and the plans submitted by Mr. Harlan P. Kelsey, of Salem, Massachusetts, adopted, and work begun.

The appropriation was specifically divided as follows:

For acquiring and grading land on and near Tremont Street.....	\$7,000
For development of Ell Pond Park.....	5,000

To summarize briefly, the Board of Park Commissioners has acquired from the Boardman estate, approximately  $2\frac{1}{4}$  acres, at a cost of \$2,000, and from R. J. Munn, trustee, approximately  $1\frac{1}{4}$  acres, at a cost of \$1,500. The land so acquired has been surveyed and carefully laid out in accordance with the plan submitted in our first annual report, providing for a baseball diamond at the North end of the tract. The land bordering on the Boulevard has been partially filled in, and is in process by the dumping of ashes, to secure the best results from the filling material delivered and to facilitate work in the Spring, the Commission has kept a man on the ground constantly to level the surface. The ditch on the entire frontage has been filled and graded. In arranging for the general work of development, bids were asked for by advertisement in the local papers. Upon the opening of these bids, they were all found to be in excess of the amount of money available; consequently, after careful consideration, a part of the work previously designed to be carried out this year, was eliminated, and such portions as could be done by our own workmen at day wages and in certain small contracts awarded to C. L. Hoffman & Co., were undertaken. The work in Ell Pond Park and vicinity has been under the supervision of Engineer Edward F. FitzGerald. There follows an itemized statement of the appropriations and expenditures.



## ELL POND PARK DEVELOPMENT.

## Ell Pond Park Acquiring and Grading.

Appropriated and Bonds issued . . . . .	\$12,000.00
Additional Appropriation of . . . . .	2,000.00
	<hr/>
	\$14,000.00

## Expenditures.

	North Side	South Side.	
Land, Title and Filing . . . . .	\$3,593.15		
Ashes, spreading, etc. . . . .	344.75	\$28.69	
Advertising . . . . .		4.50	
Pipe Castings . . . . .		38.58	
Loam . . . . .		80.00	
Tools, Supplies, etc. . . . .	115.41	116.16	
Engineering . . . . .	685.36	281.99	
Labor . . . . .	2,723.16	3,002.87	
Contract (Hoffman's) In- cluding Roller . . . . .		2,289.73	
	<hr/>	<hr/>	
	\$7,461.83	\$5,842.52	
		7,461.83	\$13,304.35
		<hr/>	<hr/>
Balance . . . . .			\$695.65
Balance in North Side Acct. .		\$688.17	
Balance in South Side Acct. .		7.48	
		<hr/>	<hr/>
			\$695.65

## RECOMMENDATIONS.

In view of the findings in this report and to continue to carry forward the plans as outlined, the Board would recommend the following appropriations for 1913:—

**For Permanent Improvement and Development, a Bond Issue of.....** \$20,000.00

**For the Maintenance of existing Parks, the sum of** \$2,100.00

**To be divided as follows:**

Parks, General Administration:

Salaries and Wages.....	\$75.00	
Other Expenses.....	150.00	
	<hr/>	\$220.00

Parks and Gardens:

Salaries and Wages.....	\$650.00	
Improvements and Additions.....	250.00	
Other Expenses.....	250.00	
	<hr/>	\$1,150.00

Playgrounds:

Salaries and Wages.....	\$50.00	
Improvements and Additions.....	200.00	
Other Expenses.....	50.00	
	<hr/>	\$300.00

Bath Houses and Beaches:

Salaries and Wages.....	\$350.00	
Improvements and Additions.....	50.00	
Other Expenses.....	25.00	\$425.00
	<hr/>	<hr/>
		\$2,100.00

**ENCLOSED BASE BALL FIELD.**

The vote of the citizens at the Municipal Election, December 10th, is before the Commission and plans are being considered for the carrying out of this vote.

It is with mingled feelings of regret and congratulation that the Board records the resignation of our colleague, Mr. Oliver B. Munroe, and his elevation to the high office of Mayor. His constant work and valuable advice have been of great help to the Board and of immense value to the City.

Respectfully submitted,

for the Board.

CLARENCE T. FERNALD, *Chairman.*

ADDISON L. WINSHIP,

GEORGE J. FOSTER,

ROBERT A. PERKINS.

December 30, 1912.

# **Report of the Chief Engineer of the Fire Department**

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*To the Honorable Mayor and Board of Aldermen,  
City of Melrose, Massachusetts:—*

*Gentlemen:*—I respectfully submit the report of the Fire Department for the year ending December 31, 1912.

## **Organization.**

The number of Companies are as follows: (4).

Engine Company No. 1; Hook and Ladder Company No. 1; Combination A. Company; Hose Company No. 4.

## **Permanent Force.**

1 Captain, 5 Drivers, 1 Engineman, 1 Chauffeur, 1 Hoseman.

## **Call Force.**

Chief Engineer and First and Second Assistant Engineers and thirty Hose and Laddermen.

## **Apparatus.**

1 steam fire engine, 3 hose wagons, 1 hook and ladder truck, 1 auto combination chemical and hose, 3 pungs, 1 Beverly wagon, 12 hand chemical extinguishers.

## **Horses.**

There are ten horses in the Department. A number of them should be replaced by new ones. One of the horses was sold during the year, which leaves the Department short one horse.

## **Hose.**

There is 6,100 feet of good hose and 200 feet of poor hose in the Department. 1,000 feet of new hose should be purchased this year.

**Fires.**

The Department has answered 60 bell alarms and 83 still alarms for fires.

Value of buildings and contents endangered by fire.....	\$156,841.00
Damage to buildings and contents endangered by fire.....	24,218.70
Insurance on buildings and contents endangered by fire.....	136,076.00
Insurance paid on buildings and contents endangered by fire.....	24,203.70

**Fire Stations.**

The fire stations are in good repair except Combination A. House, the outside of which needs shingling and painting.

Value of Personal Property in the Department . . . \$18,843.34

Yours respectfully,  
(Signed) JOSEPH EDWARDS,  
*Chief Engineer.*

## LIST OF OFFICERS AND MEN OF THE FIRE DEPARTMENT, DECEMBER 31, 1912.

## ENGINEERS OF THE FIRE DEPARTMENT,

Name	Occupation	Age	Residence	Admitted
Chief, Joseph Edwards	Carriage Maker	61	612 Main Street	May 4, 1877
1st. Asst., T. J. Hawkes	Barber	56	25 Russell Street	July 1, 1881
2d. Asst., E. W. Mansfield	Paint Dealer	33	283 Grove Street	Aug. 1, 1889
ENGINE CO. NO. 1.				
Capt., C. F. Woodward	Surveyor	43	39 Upham Street	Sept. 2, 1890
Lieut., H. W. Simpson	Boot Maker	44	454 Main Street	July 3, 1899
F. B. Stantial	Carpenter	77	15 Winthrop Street	Dec. 7, 1875
G. A. Dean	Clerk	37	73 Essex Street	Dec. 5, 1889
W. B. Clark	Carpenter	39	29 Argyle Street	May 1, 1902
E. F. Johnson	Painter	32	140 Melrose Street	May 1, 1903
John B. Rendal	Carpenter	28	27 Winthrop Street	Dec. 16, 1907
D. T. Stockwell	Permanent	51	127 Grove Street	Nov. 3, 1891
Wm. J. Riley	Permanent	39	Central Fire Station	Feb. 2, 1897
W. M. Barrett	Painter	38	209 W. Emerson Street	Apr. 6, 1897
Fred Mayman	Plumber	29	Central Fire Station	Dec. 1, 1906



# FIRE REPORT

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## HOOK AND LADDER CO. NO. 1.

Name	Occupation	Age	Residence	Admitted
Capt., H. R. Norton.	Clerk.	55	27 E. Emerson Street.	March 1, 1895
Lieut., W. A. Lynde.	Retired.	56	529 Lebanon Street.	March 7, 1876
Wm. H. Stewart.	Carpenter.	64	36 Albion Street.	June 6, 1873
Wm. J. Warren.	Painter.	46	58 Rowe Street.	July 1, 1900
C. A. Page.	Permanent.	45	41 Winthrop Street.	Jan. 1, 1902
Frank A. Storey.	Rubber.	25	43 Baxter Street.	March 1, 1909
Wm. B. Ferguson.	Gardener.	30	18 Willow Street.	July 1, 1909
J. W. Harris.	Permanent.	30	39 Willow Street.	Apr. 6, 1910
T. J. Kelley, Temporary Mem.	Florist.	48	27 Linwood Avenue.	July 1, 1909
Robert Lloyd.	Clerk.	27	5 E. Emerson Street.	July 15, 1911
S. J. Warren.	Painter.	23	58 Rowe Street.	July 15, 1911

## COMBINATION A.

Name	Occupation	Age	Residence	Admitted
Capt., L. D. Newhall	Permanent	57	23 Ellsworth Avenue	May 1, 1905
G. A. Marshall	Permanent	29	Fire Station	May 25, 1910
Wm. R. Holly	Carpenter	46	24 Sargent Street	Jan. 3, 1899
H. B. Adams	Painter	34	20 Ellsworth Avenue	May 1, 1905
W. C. Jodrey	Clerk	38	54 Highland Avenue	May 1, 1905
A. M. Harris	Clerk	29	35 Winthrop Street	Oct. 1, 1907
G. L. Stewart	Carpenter	35	272 Melrose Street	Aug. 1, 1901

## HOSE CO. NO. 4.

Name	Occupation	Age	Residence	Admitted
Capt., E. W. Russell	Manager	40	38 E. Foster Street	Apr. 1, 1894
P. E. Cates	Carpenter	37	159 Laurel Street	Nov. 1, 1902
W. C. Russell	Clerk	33	4 Perham Court	May 1, 1902
Frank Gibbons	Coachman	48	3 Dell Avenue	Aug. 1, 1903
F. C. Newman, Permanent	Lieutenant	46	284 E. Foster Street	May 1, 1908
J. E. Smith	Carpenter	33	142 Laurel Street	Aug. 1, 1906
John L. McLean	Painter	31	39 Argyle Street	Feb. 1, 1908
James McLean	Painter	27	207 Rogers Street	Feb. 16, 1909

## City Clerk's Report

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Melrose, Mass., April 7, 1913.

*To His Honor the Mayor, and the Board of Aldermen.*

*Gentlemen:*—In accordance with the City Ordinances, I have the honor to transmit herewith the annual report of the receipts of the City Clerk's Department, the same being for the municipal year ending December 31, 1912, and the payment of the same to the proper authorities.

Respectfully yours,

W. DeHAVEN JONES,

*City Clerk.*

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Licenses and fees received in the City Clerk's Department, January 1, 1912 to December 31, 1912.

Marriage Intentions, 164 at \$1.00.....	\$164.00
Mortgages, 101 at 75 cents.....	75.75
Discharge of Mortgages, 23 at 25 cents.....	5.75
Miscellaneous Papers.....	10.70
Permits to Peddlers.....	8.00
Driver's Licenses, 5 at \$1.00.....	5.00
Carriage Licenses, 7 at \$1.00.....	7.00
Itinerant Musicians, 5 at \$1.00.....	5.00
Private Detectives, 1 at \$10.00.....	10.00
Junk Collectors' Licenses, 6 at \$10.00.....	60.00
Auctioneers' Licenses, 9 at \$2.00.....	18.00
Express Licenses, 24 at \$1.00.....	24.00
Billiard and Pool Licenses, 8 at \$5.00.....	40.00
Bowling Alley Licenses, 1 at \$10.00.....	10.00
Gasoline Licenses, 10 at \$2.00.....	20.00

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\$463.20

April 18, 1912.	Paid City Treasurer.....	\$50.00	
May 11, 1912.	“ “ “ .....	136.00	
Sept. 13, 1912.	“ “ “ .....	141.60	
Oct. 2, 1912.	“ “ “ .....	50.25	
Nov. 18, 1912.	“ “ “ .....	44.75	
Jan. 1, 1913.	“ “ “ .....	40.60	
			<hr/> \$463.20

**Dog Licenses 1912.**

555 Male Dogs at \$2.00 .....	\$1,110.00	
62 Female Dogs at \$5.00 .....	310.00	
		<hr/> \$1,420.00
617 less fees at 20 cents each .....		123.40
		<hr/> \$1,296.60
Paid County Treasurer, June 12, 1912...	\$1,054.80	
Paid County Treasurer, Dec. 5, 1912....	241.80	
		<hr/> \$1,296.60

**Hunter's Licenses 1912.**

Number Issued, 144 at \$1.00.....		\$144.00
Paid Fish and Game Commission:		
February 6, 1912.....	\$7.00	
March 6, 1912.....	12.00	
May 6, 1912.....	3.00	
July 1, 1912.....	1.00	
August 8, 1912.....	4.00	
September 4, 1912.....	15.00	
October 14, 1912.....	45.00	
November 12, 1912.....	48.00	
December 5, 1912.....	9.00	
		<hr/> \$144.00

# Report of Registrars of Voters

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Melrose, Mass., April 7, 1913.

*To His Honor the Mayor and the Board of Aldermen,  
Melrose, Mass.*

*Gentlemen:*—The Registrars of Voters held thirty-two meetings during the year 1912.

The annual meeting was held May 21, 1912. Edwin L. Cragin was chosen chairman by a unanimous vote. W. De Haven Jones was clerk. Check lists of the seven wards were revised and 480 names were dropped. Reinstated in other wards, 273 names, making a loss from last year of 207 names, leaving the list of male voters at 3,140 names.

The Registrars held many meetings, and once a week during the month of August, to certify names on nomination papers, and they certified 2,348 names for the State election, and 1,216 names for the City election, making 3,564 in all.

Meetings held for registering the voters for the State Election, November 5th, 1912, were as follows:

Tuesday, September 10th, from 7 to 10 o'clock p.m.

Friday, September 13th, from 7 to 10 o'clock p.m.

Tuesday, September 17th, from 7 to 10 o'clock p.m.

Tuesday, October 1st, from 7 to 10 o'clock p.m.

Tuesday, October 8th, from 7 to 10 o'clock p.m.

Wednesday, October 16th, continuous session from 12 o'clock noon until 10 o'clock p.m., when registration ceased.

Revised list as follows:

## Male Voters.

Wards.....	1	2	3	4	5	6	7	Totals
	437	601	477	389	443	574	506	3,427

Meetings were held for registering the voters for the Municipal Election to be held December 10, 1912, as follows:

Tuesday, November 12th from 7 to 10 o'clock p.m.; Wednesday, November 20th, continuous session from 12 noon until 10 o'clock p.m.

## Male Voters.

Wards.....	1	2	3	4	5	6	7	Totals
	439	607	479	392	445	583	511	3,456

**Female Voters.**

Wards . . . . .	1	2	3	4	5	6	7 Totals
	27	32	34	55	20	31	213

Respectfully submitted,

EDWIN L. CRAGIN, *Chairman.*

JOHN J. KEATING,

EDWIN J. TIRRELL,

W. DeHAVEN JONES, *Clerk.*

*Registrars of Voters.*



## Report of the City Treasurer

---

Melrose, Mass., February 19, 1913.

For Financial Year Ending Dec. 31, 1912.

Balance Cash on hand and in

Bank, Jan. 1, 1912..... \$45,863.45

Receipts in 1912..... 1,004,468.09

\_\_\_\_\_ \$1,050,331.54

Payments in 1912.....

\_\_\_\_\_ 1,027,365.43

Balance in hand and in Bank at  
close of financial year 1912....

\$22,966.11

W. R. LAVENDER,

*City Treasurer.*

Examined and found correct May 6, 1913,

EDWIN C. GOULD,

*City Auditor.*

# Collector's Report

---

December 31, 1912.

*To the Honorable Board of Aldermen,  
City of Melrose.*

Gentlemen:—I herewith submit the thirteenth annual report.

## TAX 1912.

Warrant . . . . .		\$364,617.12
Additional . . . . .		3,984.19
Interest . . . . .		133.38
		<hr/>
		\$368,734.69
Abatements . . . . .		6,072.90
		<hr/>
		\$362,661.79
Paid Treasurer . . . . .		202,537.99
		<hr/>
Uncollected Dec. 31, 1912 . . . . .		\$160,123.80
		<hr/>

## TAX 1911.

Uncollected Dec. 31, 1911 . . . . .		\$161,824.25
Interest Collected 1912 . . . . .		3,476.37
		<hr/>
Total . . . . .		\$165,300.62
Abatements 1912 . . . . .	\$2,137.89	
Paid Treasurer . . . . .	116,600.29	
Paid Treasurer Interest . . . . .	3,476.37	\$122,214.55
		<hr/>
Uncollected Dec. 31, 1912 . . . . .		\$43,086.07

## TAX 1910.

Uncollected Dec. 31, 1911 . . . . .		\$46,086. 61
Interest Collected 1912 . . . . .		3,385.35
		<hr/>
Total . . . . .		\$49,471.96
Abatements 1912 . . . . .	\$1,565.85	
Takings 1912 . . . . .	4,551.90	
Paid Treasurer 1912 . . . . .	37,125.96	
Paid Treasurer Interest . . . . .	3,385.35	\$46,629.06
		<hr/>
Uncollected Dec. 31, 1912 . . . . .		\$2,842.90

## COLLECTOR'S REPORT

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## TAX 1909.

Warrant.....	\$320,567.62
Additional.....	2,151.00
Interest.....	6,916.14

---

 \$329,634.76

Takings.....	3,648.75
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 \$325,986.01

Abatements.....	7,066.80
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 \$318,919.21

Paid Treasurer.....	318,919.21
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## TAX 1908.

Warrant.....	\$304,187.76
Additional.....	4,787.45
Interest.....	6,710.75

---

 \$315,685.96

Takings.....	2,991.64
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 \$312,694.32

Abatements.....	10,500.47
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 \$302,193.85

Paid Treasurer.....	302,193.85
---------------------	------------

## TAX 1907.

Warrant.....	\$276,120.97
Additional.....	1,013.77
Interest.....	6,014.90

---

 \$283,149.64

Takings.....	2,841.70
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 \$280,307.94

Abatements.....	7,717.62
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 \$272,590.32

Paid Treasurer.....	272,590.32
---------------------	------------

## STREET WATERING 1912.

Warrant.....	\$9,378.73
Additional.....	16.08
<hr/>	
Total.....	\$9,394.81
Abatements.....	413.95
<hr/>	
	\$8,980.86
Paid Treasurer 1912.....	4,854.90
<hr/>	
Uncollected Dec. 31, 1912.....	\$4,125.96

## STREET WATERING 1911.

Uncollected Dec. 31, 1911.....	\$2,948.17
Abatements 1912.....	2.44
<hr/>	
Total.....	\$2,945.73
Paid Treasurer 1912.....	2,039.82
<hr/>	
Uncollected Dec. 31, 1912.....	\$905.91

## STREET WATERING 1910.

Uncollected Dec. 31, 1911.....	\$778.31
Abatements 1912.....	1.87
<hr/>	
	\$776.44
Takings 1912.....	95.54
<hr/>	
	\$680.90
Paid Treasurer 1912.....	680.33
<hr/>	
Uncollected Dec. 31, 1912.....	.57

## STREET WATERING 1909.

Warrant.....	\$6,317.07
Additional.....	3.00
<hr/>	
	\$6,320.07
Takings.....	65.51
<hr/>	
	\$6,254.56

## COLLECTOR'S REPORT

119

Abatements.....	36.73
-----------------	-------

	<hr/>
	\$6,217.83
Paid Treasurer.....	\$6,215.63

Uncollected Dec. 31, 1912.....	2.20
--------------------------------	------

## POSSESSION REDEMPTION.

Collections.....	\$28.27
------------------	---------

Paid Treasurer Tax.....	\$16.29
-------------------------	---------

Paid Treasurer Interest.....	11.98	\$28.27
------------------------------	-------	---------

## SEWER.

Collections 1912.....	\$3,715.66
-----------------------	------------

Paid Treasurer Tax.....	\$3,129.41
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Paid Treasurer Interest.....	586.25	\$3,715.66
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## SIDEWALK AND CURBING.

Collections 1912.....	\$3,615.25
-----------------------	------------

Paid Treasurer Tax.....	\$3,451.82
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Paid Treasurer Interest.....	163.43	\$3,615.25
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## INDIVIDUAL SIDEWALK.

Balance Dec. 31, 1911.....	\$5.44
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Receipts 1912.....	1,798.68
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	<hr/>
	\$1,804.12

Paid Treasurer.....	\$1,780.89
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Paid Refunds.....	23.23	\$1,804.12
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## MOTH 1912.

Warrant.....	\$203.55
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Paid Treasurer.....	109.20
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Uncollected Dec. 31, 1912.....	\$94.35
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## MOTH 1911.

Uncollected Dec. 31, 1911.....	\$639.70
--------------------------------	----------

Abatements 1912.....	\$10.70
----------------------	---------

Paid Treasurer.....	373.73	\$384.43
---------------------	--------	----------

Uncollected Dec. 31, 1912.....	\$255.27
--------------------------------	----------

## MOTH 1910.

Uncollected Dec. 31, 1911.....		\$90.50
Taking 1912.....	\$12.25	
Paid Treasurer.....	77.15	\$89.40
		<hr/>
Uncollected Dec. 31, 1912.....		\$1.10

## STREET BETTERMENTS.

Collections 1912.....		\$729.97
Paid Treasurer.....	\$655.53	
Paid Treasurer Interest.....	74.44	\$729.97
		<hr/>

## TAKINGS 1910. FOR THE YEAR 1912.

Collections, Tax.....		\$833.69
Street Watering.....		6.99
Moth.....		3.25
Interest.....		94.58
		<hr/>
Total.....		\$938.51
Paid Treasurer.....		938.51

## TAKINGS 1909. FOR THE YEAR 1912.

Collections, Tax.....		\$1,163.74
Street Watering.....		12.63
Interest.....		214.07
		<hr/>
Total.....		\$1,390.44
Paid Treasurer.....		1,390.44

## TAKINGS 1908. FOR THE YEAR 1912.

Collections, Tax.....		\$1,133.92
Street Watering.....		10.77
Interest.....		314.39
		<hr/>
Total.....		\$1,459.08
Paid Treasurer.....		1,459.08



## TAKINGS 1907. FOR THE YEAR 1912.

Collections, Tax.....	\$329.27
Street Watering.....	2.80
Moth.....	10.50
Interest.....	99.64
<hr/>	
Total.....	\$442.21
Paid Treasurer.....	442.21

## TAKINGS 1906. FOR THE YEAR 1912.

Collections, Tax.....	\$159.72
Street Watering.....	2.80
Interest.....	85.81
<hr/>	
Total.....	\$248.33
Paid Treasurer.....	248.33

## TAKINGS 1905. FOR THE YEAR 1912.

Collections, Tax.....	\$54.45
Street Watering.....	2.80
Interest.....	35.32
<hr/>	
Total.....	\$92.57
Paid Treasurer.....	92.57

## TAKINGS 1904. FOR THE YEAR 1912.

Collections, Tax.....	\$15.66
Interest.....	11.84
<hr/>	
Total.....	\$27.50
Paid Treasurer.....	27.50
<hr/>	
Fees.....	\$1,555.56
Paid Treasurer.....	1,555.56

## WATER RATES 1912.

Collections.....		\$38,328.94
Paid Treasurer Rates.....	\$38,139.42	
Paid Treasurer Summons.....	79.40	
Paid Refunds.....	93.25	
Balance.....	16.87	\$38,328.94

## WATER RATES 1911.

Balance.....	\$6.92
Collections 1912.....	7,339.73

---

 \$7,346.65

Paid Treasurer Rates.....	\$7,287.98	
Paid Treasurer Summons.....	4.80	
Paid Refunds.....	50.87	
Balance.....	3.00	\$7,346.65

## WATER RATES 1910.

Collections.....		\$66.94
Paid Treasurer Rates.....	\$62.74	
Paid Treasurer Summons.....	.20	
Paid Refund.....	4.00	\$66.94

## NON RESIDENT BANK TAX 1912.

Collected.....	\$1,000.62
Paid Treasurer.....	1,000.62

## EXCISE TAX 1912.

Collected.....	\$2,216.03
Paid Treasurer.....	2,216.03

Respectfully,

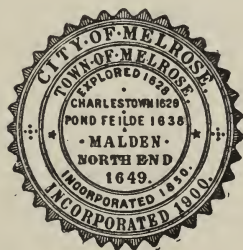
JAMES W. MURRAY,

*City Collector.*

Thirteenth Annual Report  
of the  
Public Works Department

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GEORGE W. WOOD  
Engineer and Superintendent

CITY OF MELROSE, MASS.

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1 9 1 2

# ORGANIZATION

1912.

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HON CHARLES E. FRENCH,

Mayor.

---

George O. W. Servis,

January 1 to March 1, 1912.

George W. Wood,

March 1 to December 31, 1912

Engineer and Superintendent.

---

Emma L. Leighton, Stenographer,

William H. Martin.

Blanche E. Nickerson, Asst. Stenographer.

Book-keeper.

---

A. J. Waghorne,

Assistant in charge Sewers and Drains.

---

James McTiernan,

Assistant in charge Water Division.

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Walter J. Lord.

Assistant in charge Highways.

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Engineering Division,

Charles F. Woodward, Assistant.

John Dyer, Transitman.

Harold S. Wolley,

Carl W. Wood,

Maurice Lynch,

Rodmen employed at intervals.

## Public Works Department

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*To His Honor the Mayor and the Board of Aldermen:—*

In accordance with the requirements of Chapter 33, Section 1, of the Revised Ordinances of 1910, I respectfully submit herewith the Thirteenth Annual Report of the Public Works Department of the City of Melrose, for the fiscal year ending December 31, 1912.

### PUBLIC WORKS OFFICE.

267 permits have been given to open and occupy public streets. 93 Orders of the Board of Aldermen have been attended to or reported on, and the following contracts made:—

Cement, Concrete, Edgestone, Ice, Sewer Pipe, Water Pipe, and building Soldiers' & Sailors' Memorial Building.

### Salaries and Wages.

Appropriation.....	\$2,650.00
Expended:	
Salary, Engineer and Superintendent	
Public Works.....	\$2,000.00
Clerical Services.....	650.00
	<hr/>
	\$2,650.00

### Other Expenses.

Appropriation.....	\$650.00
Expended:	
Printing, Stamps and Stationery.....	\$171.06
Report Engineer and Superintendent..	37.52
Bond for Engineer and Superintendent.	8.00
Telephone.....	31.76
Board of Horse, etc.....	401.66
	<hr/>
	\$650.00

**WATER DIVISION.****Construction.**

Stock bal. Jan. 1, 1912.....	\$1,371.12	
Treasury bal. Jan. 1, 1912..	1,064.29	
Collection paid Treasurer..	9.00	
Appropriation.....	10,000.00	
	<hr/>	\$12,444.41

**Expended.**

Services—Stock.....	\$655.22	
Labor.....	557.44	
	<hr/>	\$1,212.66
Meters Installed—Stock... ..	\$891.70	
—Labor... ..	147.79	
	<hr/>	\$1,039.49
Main Lines, Stock.....	\$3,132.82	
Labor.....	4,073.43	
Board of horse	240.00	
Blacksmith &		
Repair of tools	104.27	
	<hr/>	\$ 7,550.52
Meters in Stock.....	1,455.56	
Treasury Balance.....	1,186.18	
	<hr/>	\$12,444.41

**Inside Services.**

Collections paid Treasurer.	\$2,512.87	
Balance Jan. 1, 1912.....	15.11	
	<hr/>	\$2,527.98

**Expended.**

Stock from Maintenance...	\$1,413.98	
Labor.....	1,167.66	
	<hr/>	\$2,581.64
Less stock due Maintenance	131.91	
	<hr/>	\$2,449.73
Treasury Balance.....	78.25	
	<hr/>	\$2,527.98
Labor due Maintenance to be refunded.....	\$101.57	



**Maintenance.**

Appropriation.....	\$10,000.00	
Stock on hand.....	5,378.23	
Transferred by Order....	3,795.32	
Collections.....	60.50	
	<hr/>	\$19,234.05

**Expended.**

Outside Services, Stock,...	\$557.42	
Labor.....	1,323.60	
	<hr/>	\$1,881.02
Thawing Services, Stock and Electric Bill.....	\$2,212.98	
Labor.....	2,016.77	
	<hr/>	\$4,229.75
Thawing Mains, Stock....	\$ 186.35	
Labor....	385.94	
	<hr/>	\$572.29
Relaying Mains, Stock....	\$128.91	
Labor....	233.91	
	<hr/>	\$362.82
Lowering Mains, Swain's Pond Ave.:		
Stock.....	\$33.79	
Labor.....	502.61	
	<hr/>	536.40
Repairing Mains, Stock...	\$88.22	
Labor...	242.97	
	<hr/>	331.19
Hydrant Maintenance, Stock.....	\$52.84	
Labor.....	215.22	
	<hr/>	268.06
Meter Maintenance, Stock	\$323.64	
Labor.....	565.39	
Reading.....	1,765.49	
	<hr/>	\$2,654.52
Inside Services, Labor to be refunded.....		101.57
	<hr/>	\$10,937.62

General Maintenance, Sal-			
aries.....	\$2,331.08		
Board & Care of Horse....	343.53		
Harness & Cart Repairs....	215.94		
Tools & Repairs to Same...	225.04		
Hardware, Oil & Sundries..	215.97		
Stationery, Stamps, Etc....	160.55		
Telephone.....	75.26	\$3,566.37	
		<hr/>	\$14,503.99
Stock Balance.....		\$4,550.71	
Treasury Balance.....		179.35	
		<hr/>	\$19,234.05

#### Stock Account.

Balance Jan. 1, 1912.....	\$5,378.23		
Stock purchased:			
Wrought Iron Pipe and			
Fittings.....	135.07		
Cast Iron Pipe and			
Cast Iron Pipe and Fittings	440.69		
Brass Pipe and Fittings....	249.39		
Lead Pipe, Pig Lead and			
Solder.....	1,816.31		
Castings.....	204.02		
Hydrants Gates and			
Valves.....	1,031.18		
Meter parts.....	322.18		
Coal and Wood.....	205.37		
Oil and Gasoline.....	111.34		
Teams and Stock, High-			
way.....	288.76		
Stock and Labor.....	231.74		
Thawing out, Electric			
Bill, etc.....	1840.95		
Rent of Yard.....	175.00		
		<hr/>	\$12,430.43
Stock Used.....	\$3,584.15		
Stock to other accounts...	4,295.57		
		<hr/>	\$7,879.72
Balance.....			\$4,550.71

**Water Rates.**

Received by Collector and paid Treasurer:

1910 rates.....	\$62.74	
1911 Rates.....	7,287.98	
1912 Rates.....	38,139.42	
Summons.....	84.40	
	<hr/>	\$45,574.54

1912 Rates as billed, \$47,151.34.

**Cost of System.**

Construction to January 1, 1912....	\$419,017.53
Construction 1912.....	9,802.67
	<hr/>

Total cost to Jan. 1, 1913..... \$428,820.20

**CONSTRUCTION.****Distribution Mains—Extension.**

4,955 feet of new mains have been laid during the year including hydrant branches, making a total length in the City, of approximately fifty-two and sixteen one hundredths (52.16) miles.

247 feet of cement pipe has been replaced with cast iron pipe, 8 additional fire hydrants have been placed, and one abandoned, the total now in service being 334 maintained by this department.

18 water gates have been added to the system, making a total of 555 now in use.

77 new lead services have been laid during the year, and 6 abandoned, making a total of 3,740.

On Temple Street the excavation for nearly the entire distance was through a hard, seamy ledge, which added greatly to the cost of the work.

On Maple Road much ledge was encountered together with water, on the upper portion, which necessitated constant pumping, making this work expensive.

Perkins Street was also an expensive piece of work on account of ledge excavation.

**Water Meters.**

Ninety-one meters have been installed and five abandoned during the year, making a total of thirty-nine hundred and forty-nine in use December 31, 1912.

**Maintenance and Operation.**

The entire system of mains, services, hydrants, water meters, etc., has had careful attention, and repairs and changes have been made where necessary. Following are some of the items:

- 11 breaks in cement pipe repaired.
- 87 service leaks in street repaired.
- 44 services in street cleaned.
- 41 services in private premises cleaned.
- 92 services in street renewed with lead.
- 67 services in private premises renewed with lead.
- 3 gates repacked.
- 412 frozen services thawed out during the months of January and February.

Hydrants were oiled, repaired and kept free from snow and ice.

**TOTAL PIPEAGE OF THE CITY.**

Number of feet of 3-4 inch pipe.....	1,264
“ “ “ “ 1 “ “ .....	1,355
“ “ “ “ 1½ “ “ .....	375
“ “ “ “ 2 “ “ .....	5,948
“ “ “ “ 4 “ “ .....	53,085
“ “ “ “ 6 “ “ .....	138,990
“ “ “ “ 8 “ “ .....	24,249
“ “ “ “ 10 “ “ .....	19,846
“ “ “ “ 12 “ “ .....	22,156
“ “ “ “ 14 “ “ .....	2,920
“ “ “ “ 16 “ “ .....	5,223

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Total.....275,411

Length of cast iron pipe, 208,928 feet or 39.57 miles.

“ “ cement pipe, 66,483 “ “ 12.59 “

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Total.....52.16 miles,

Number of services in use.....	3,740
“ “ meters.....	3,949
“ “ fire hydrants.....	334
“ “ gates on mains.....	555
“ “ standpipes for street sprinkling.....	37
“ “ watering troughs.....	4
“ “ ornamental fountains.....	2
“ “ drinking fountains.....	2
“ “ fire services.....	16

## WATER ASSESSMENTS AND CONSUMPTION.

Year.	Sink- ing Fund	Interest	Main- tenance	Maturing Serial Bonds	Total
1898.....	No Division				\$3,332.94
1899.....	No Division				4,921.63
1900.....	No Division				6,740.49
1901.....	\$2,758.43	\$7,130.58	\$2,657.31		12,546.32
1902.....	4,398.83	7,038.98	2,997.12		14,434.93
1903.....	3,630.11	11,243.27	2,941.96		17,815.34
1904.....	3,730.13	12,492.25	3,500.35		19,722.73
1905.....	4,829.71	12,558.36	3,090.46		20,478.53
1906.....	5,802.58	14,905.91	4,521.60		25,230.09
1907.....	6,433.77	15,748.61	4,788.81		26,971.19
1908.....	6,564.43	18,112.32	4,018.30		28,693.90
1909.....	5,405.19	14,495.42	4,622.77		24,523.38
1910.....	4,464.87	11,925.83	3,250.21		19,640.91
1911.....	4,683.16	12,866.12	3,605.47	\$45.83	21,200.58
1912.....	4,699.42	13,098.79	3,094.25	85.55	20,978.01

The daily per capita consumption of water in Melrose, as recorded by the Venturi meters, operated by the Metropolitan Water Works, is shown by months for the years, 1908, 1909, 1910, 1911 and 1912.

## GALLONS PER CAPITA PER DAY.

	1908	1909	1910	1911	1912
January.....	105.....	61.....	57.....	59.....	65
February.....	102.....	61.....	59.....	60.....	83
March.....	93.....	58.....	59.....	59.....	77
April.....	94.....	60.....	61.....	60.....	71
May.....	99.....	64.....	65.....	68.....	74
June.....	111.....	71.....	66.....	65.....	84
July.....	106.....	71.....	65.....	71.....	79
August.....	84.....	66.....	71.....	61.....	64
September.....	85.....	63.....	65.....	65.....	62
October.....	72.....	61.....	66.....	66.....	57
November.....	64.....	60.....	61.....	62.....	60
December.....	61.....	55.....	61.....	62.....	57



The following table shows the daily per capita consumption of water in the cities and towns in the Metropolitan Water District for the year 1912, as registered by the Metropolitan meters:—

City or Town	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
Boston.....	153	151	128	122	122	123	125	120	119	116	112	114	125
Somerville....	93	96	81	73	76	83	81	75	75	75	73	74	79
Malden.....	50	51	52	46	46	50	50	45	46	46	44	45	48
Chelsea.....	99	97	87	81	80	84	86	84	83	80	77	78	85
Everett.....	99	98	84	71	72	78	77	68	66	65	62	64	75
Quincy.....	81	86	84	88	89	100	99	89	88	84	85	71	87
Medford.....	47	52	52	46	47	55	58	48	49	46	45	45	49
Melrose.....	65	83	77	71	74	84	79	64	62	57	60	57	69
Revere.....	96	101	82	67	69	80	85	80	70	62	53	58	75
Watertown....	68	74	70	65	65	76	79	63	66	67	60	58	67
Arlington.....	82	90	93	89	89	121	124	94	74	79	66	68	89
Milton.....	38	39	37	43	49	52	47	39	41	42	36	33	41
Winthrop.....	56	71	60	59	63	79	87	80	66	58	53	49	65
Stoneham.....	70	78	84	71	73	90	114	79	76	75	65	58	78
Belmont.....	59	59	60	67	67	105	107	72	72	69	63	58	71
Lexington....	70	75	79	80	83	101	107	74	66	57	56	56	75
Nahant.....	45	69	65	66	60	85	77	76	71	63	48	44	69
Swampscott...	63	73	57	50	50	68	72	68	63	55	53	47	61
Met. Dist....	127	128	110	104	104	108	110	103	102	99	95	97	107

This district, in order of per capita consumption, beginning with the lowest, stands as follows:

- |                   |               |
|-------------------|---------------|
| 1—Milton.....     | 9—Everett     |
| 2—Malden.....     | 9—Revere      |
| 3—Medford.....    | 9—Lexington   |
| 4—Swampscott..... | 10—Stoneham   |
| 5—Winthrop.....   | 11—Somerville |
| 6—Watertown.....  | 12—Chelsea    |
| 7—Melrose.....    | 13—Quincy     |
| 7—Nahant.....     | 14—Arlington  |
| 8—Belmont.....    | 15—Boston     |

It will be seen from the above table that the daily per capita consumption in Melrose increased slightly over the amount of the previous year, being 69, or 6 gallons more than in 1911, and a comparison shows a like increase throughout the District. This was due to the extreme cold weather of last winter, which obliged many people to allow the water to run continuously in order to prevent freezing.

## WATER CONSTRUCTION—1912.

LOCATION	Pipe Laid		Gates		Hyd'ts		Cost
	Length in Feet	Size Inches	No.	Size Inches	No.	Size Inches	
Albion St. Stock used 1911..							\$104.40
Argyle St. Rogers St. South..	220	6	1	6			232.14
Clifford Street.....	120	6					100.27
Charles Street. South Side of Parkway.....	89	6	1	6			101.76
Forest St. Maple Rd. North..	486	6			1	6	619.64
Gibbons St. Mystic Ave. to Ryder Avenue.....	168	6	1	6			155.68
Lincoln St. Ex. Southerly...	36	6					208.39
Maple Rd. Sewall Woods Rd. Northerly.....	819	6'	1	6	1	6	1,343.77
Morgan Street.....	6	6	1	6	1	6	46.57
Otis St. Leeds St. to Charles Street.....	320	6	1	6			355.72
Temple St., at Spear St.....	361	6	1	6	1	6	1,580.25
Perkins St., to Stoneham line..	1,267	6	2	6	2	6	1,498.66
Walton Park at South Ave....	395	6	2	6			582.50
Warwick Rd. Dyer St. to Dyer Street.....			2	6	1	6	41.63
Warwick Rd. South of No. 71	421	6	3	6			579.14
Totals.....							\$7,550.52
77 New Services.....							1,212.66
91 New Meters Installed, 5 abandoned.....							914.49
Due Maintenance Acct, 1911.							125.00
							\$9,806.27

\*Ledge Excavation.

†Ledge Excavation and Marsh  
Land.††Large portion ledge Exca-  
vation.

## RELAY—1912.

Morgan St. Main St to No. 19...247 ft. 6 in. 247 ft. 6 in. cement pipe  
abandoned.....\$362.82

**HIGHWAY DIVISION.**

The following streets have been graded and gravelled:—  
Albion Street, Melrose St., north about 150 feet; loose gravel removed and replaced with good packing gravel; granite corners set and gutters paved.

Beech Avenue, Elliot Street to Meridian Street.

Botolph Street, West Hill Avenue to Summit Avenue.

Brown Street.

Crystal Street has been filled to correspond with park grade and roughly graded for about 500 feet.

Emerson Street, East, Main Street to Bellevue Avenue.

Essex Street, Easterly 300 feet.

Florence Street, Wyoming Avenue to Hurd Street.

Forest Street, Northerly about 300 feet from Malden Line.

Foster Street East, Larrabee Street to Sixth Street.

Henry Avenue, Taylor Street to Highland Avenue, boulders removed.

Grove Street, Larrabee Street to Goss Avenue.

Larrabee Street, Grove Street to East Foster Street.

Laurel Street, about 500 feet.

Lynde Street, Linwood Avenue to Summer Street.

Mt. Vernon Street, Chestnut Street to Brown Street, gutter on North side paved where necessary, and about 100 feet of South gutter paved at East end of street.

Newburyport Turnpike has been graded and surfaced with gravel for a distance of 920 feet; one stone culvert rebuilt, and about 200 feet of side drain placed on Northerly side near Malden Line.

Nowell Road, about 1,200 feet, and gutters paved where necessary.

Perkins Street has been graded, and roadway constructed with Bituminous Macadam from Lynn Fells Parkway to Stoneham Line, a distance of 1,480 feet; one culvert rebuilt, a 15 inch drain laid on South side of street and sidewalk graded on North side about 300 feet.

Sanford Street, Cleveland Street to Tappan Street.

Sewall Street.

Sixth Street, Laurel Street to Grove Street.

Spear Street, Westerly end graded about 400 feet,

Warwick Road, graded as far as accepted (450) feet, both gutters paved and sidewalks graded.

Woodland Avenue, Clifton Park to Greenwood Street.

Wyoming Avenue East, Easterly end, North gutter paved and sidewalk graded and surfaced with stone dust.

Walton Park, South end, boulders removed.

The following streets have been surfaced with stone dust and rolled:

Bellevue Avenue, Upham Street to Porter Street.

Emerson Street East, Stratford Road to E. E. Babb's East Line.

Emerson Street West, B. & M. R. R. to Tremont Street.

Foster Street East, Lebanon Street to Larrabee Street.

First Street, Larrabee to Sixth Street.

Herbert Street.

Hurd Street, Cottage Street to Wyoming Avenue.

Lake Avenue.

Lebanon Street, Park Street to Forest Street.

Main Street, Franklin Square, about 550 feet Southerly.

Melrose Street, Main Street to Tremont Street.

Stratford Road, Upham Street, to Emerson Street.

Upham Street, School Street to East Street.

Wyoming Avenue West, Florence Street to Whittier Street.

On the street sprinkling work many of the streets were treated with oil instead of water. Where oil could be obtained as needed, it was found to be very satisfactory, but on account of the inability of the shippers to deliver it when required, considerable inconvenience was caused. If storage tanks were provided and placed at the pipe yard, the difficulty would be overcome and its general use could be adopted to advantage.

Sidewalks on improved streets have had careful attention, and gravel, cinders and dust used where required to keep them in good condition.

All streets have been cleaned (dirt and weeds) 2,277 double loads removed, and the business sections, main streets and near railroad stations, have been cleaned daily by push-cart men.

**General Administration.**

Appropriation . . . . .	\$2,000.00
-------------------------	------------

**Expended.**

Bookkeeper (part of salary) . . . . .	\$268.38
Superintendent (Assistant) . . . . .	1,008.32
Timekeeper (part of salary) . . . . .	407.42
Laborers, (regular help on holidays) . .	27.88
Watchman (part of salary) . . . . .	288.00
	<hr/>
	\$2,000.00

**Repairing.**

Appropriation . . . . .	\$9,000.00
Excise and Street Railway Tax . . . . .	4,788.36
Collections . . . . .	133.44
	<hr/>
	\$13,921.80

**Expended.**

Minor repairs . . . . .	\$1,221.61
Blacksmithing . . . . .	208.55
Court expenses and medical attendance	66.30
Rent of yard . . . . .	72.00
Telephone service . . . . .	52.81
Tool and expense account . . . . .	325.55
Repairing gravel walks . . . . .	451.39
Cleaning streets and crossings . . . . .	755.79
Snow removal and sanding . . . . .	1,916.33
Guard rail and fencing . . . . .	81.62
Repairing bridges and culverts . . . . .	79.53
Granite crossings . . . . .	306.10
Trimming and removing trees . . . . .	18.34
Paving repairs . . . . .	440.88
Crusher account . . . . .	495.35
Team for Assistant Superintendent . .	456.26
Newburyport Turnpike (Construction)	41.99
Cleaning catch-basins (Sanitation) . . .	372.32
Charges to Russell Estate . . . . .	105.44
New Eng. Tel. & Tel. Co. . . . .	20.84
Malden & Melrose Gas Light Co. . . . .	356.70
Memorial Building . . . . .	33.94
Albion street repairs . . . . .	82.28
Beech avenue repairs . . . . .	91.90



Bellevue Avenue,	Repairs. ....	55.44
Botolph Street	" .....	126.17
Brown Street	" .....	128.90
Briggs Street	" .....	10.63
Cottage Street	" .....	13.15
Crystal Street	" .....	170.66
Dell Avenue	" .....	12.86
Emerson Street East	" .....	501.21
Emerson Street West	" .....	66.32
Essex Street	" .....	98.15
Foster Street East	" .....	56.86
First Street	" .....	36.85
Forest Street	" .....	86.33
Franklin Street	" .....	51.82
Green Street	" .....	109.96
Greenwood Street	" .....	40.03
Grove Street	" .....	31.79
Herbert Street	" .....	18.29
Henry Avenue	" .....	20.72
Hillside Avenue	" .....	8.25
Highland Avenue	" .....	34.61
Howard Street	" .....	34.13
Hurd Street	" .....	40.37
Larrabee Street	" .....	44.46
Laurel Street	" .....	43.25
Lake Avenue	" .....	51.26
Lebanon Street	" .....	112.00
Lynde Street	" .....	101.55
Main Street	" .....	968.03
Melrose Street	" .....	99.50
Mt. Vernon Street,	Paving. ....	595.08
Mt. Vernon Street,	Street work. . .	194.66
Mystic Avenue	Repairs. ....	64.43
North High Street	" .....	117.81
Orris Street	" .....	9.95
Perkins Street	" .....	69.78
Perkins Street,	Construction. . .	20.10
Pleasant Street,	Repairs. ....	581.48
Richardson Road	" .....	20.85



Rowe Street	Repairs.....	18.51		
Sanford Street	" .....	187.48		
Sewall Street	" .....	100.87		
Sixth Street	" .....	34.92		
Sylvan Street	" .....	7.50		
Spear Street	" .....	77.80		
Tremont Street	" .....	58.71		
Trenton Street	" .....	25.93		
Upham Street	" .....	86.86		
Washington Street	" .....	60.93		
Wyoming Avenue W.	" .....	81.22		
Woodland Avenue	" .....	73.94		
			\$13,716.18	
Less Credit from Stable Acct.	\$4.15			
Less Credit from Roller Acct.	303.56			
Less Stock, Pavers, Sand, etc.,				
not purchased this year....	899.80	\$1,207.51	\$12,508.67	
Treasury Balance.....			\$1,413.13	

### Sidewalk Repairs.

First Street.....	\$45.75	
Cottage Street.....	6.81	
Crystal Street.....	55.85	
Cutter Street.....	5.22	
General Repairs.....	36.86	
Howard Street.....	49.50	
Larrabee Street.....	13.75	
Lebanon Street.....	18.28	
Main Street.....	78.57	
Mystic Avenue.....	58.43	
Sanford Street.....	11.84	
Trenton Street.....	15.34	
Vinton Street.....	7.76	
Walton Park.....	32.18	
Whittier Street.....	15.25	
		\$451.39

**ROLLER ACCOUNT.**

Charges for Roller on various streets. \$629.42

**Expended.**

Teams and Labor.....	\$62.80	
Supplies.....	3.52	
New Parts.....	63.35	
Coal.....	196.19	\$325.86

Credited to Maintenance Account...		\$303.56
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**CRUSHER ACCOUNT.****Expended.**

Castings and Screens.....	\$332.91	
Supplies.....	94.20	
Coal.....	352.04	
Stone.....	159.30	
Teams.....	289.37	
Labor.....	952.68	
Damages.....	8.00	
		\$2,188.50

Credit Materials charged to streets and other divisions:—

Crushed stone and ledge stone.....	\$1,498.25	
Coal to Roller.....	195.00	1,693.25

Charged to Maintenance Account...		\$495.25
Stone in bins, 37 tons, No. 1, at \$1.00.....		\$37.00
Stone in yard, 150 tons, at \$1.00.....		150.00
Ledge Stone ready to crush, 348 tons at .50.....		174.00
Rough stone, 458 tons at .30.....		137.40
Coal, 15 tons, at \$5.00.....		75.00

March First.....		\$573.40
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**STABLE ACCOUNT.**

Teams charged to streets and other		
Divisions.....		\$10,344.07
<b>Expended.</b>		
Hay and Grain.....	\$2,957.24	
Carts and repairs.....	631.24	
Harnesses and repairs.....	206.55	
Shoeing and Medical Attendance...	488.78	
Rent, Light and Heating.....	549.37	
Labor as per pay rolls.....	5,506.74	\$10,339.92
		<hr/>
Balance to credit of Maintenance....		\$4.15

**PAVING REPAIRS.**

Albion Street.....	\$190.93	
Belmont Street.....	35.13	
Franklin Square.....	86.33	
Memorial Building.....	10.69	
Porter Street.....	8.69	
Park Street.....	6.25	
Upham Street at watering trough...	102.86	
		<hr/>
		\$440.88

**BOARDMAN AVENUE.**

Balance 1911 Account.....	\$182.88	
No expenditures in 1912.		
Balance.....		\$182.88

**GOSS AVENUE—Extension.**

Appropriation.....	\$391.00	
Expended for recording deed.....	2.50	
		<hr/>
Balance.....		\$388.50

**FLORENCE STREET.**

Appropriation.....		\$500.00
<b>Expended.</b>		
Stock and Rolling.....	\$43.15	
Teams and Labor.....	183.63	\$226.78
		<hr/>
Balance.....		\$273.22

**MELROSE STREET—Steps and Walk.**

Balance from 1911 Account.....		\$321.82
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**Expended.**

C. L. Hoffman & Son, Steps.....	\$144.00	
Teams and Labor.....	4.31	\$148.31
	<hr/>	<hr/>
Balance.....		\$173.51

**FRANKLIN STREET—Widening.**

Balance 1911 Account.....	\$24.16	
No expenditures in 1912.		
Balance.....		\$24.16

**SWAIN'S POND AVENUE.**

Balance 1911 Account.....	\$28.52	
No expenditures in 1912.		
Balance.....		\$28.52

**SARGENT STREET.**

Balance from 1911 Account.....		\$411.37
Less transferred by order Board of Aldermen.....		300.00
		<hr/>
		\$111.37

**Expended.**

Stock.....	\$13.19	
Teams.....	19.38	
Labor.....	42.91	\$75.48
	<hr/>	<hr/>
Balance.....		\$35.89

**PERKINS STREET.**

Appropriation.....		\$2,500.00
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**Expended.**

Grading.....	\$584.44	
Draining under and alongside street	383.90	
Macadam, (used 6075 gals. Tarvia) ..	1,782.82	
	<hr/>	
	\$2,751.16	
Less stock due to other divisions . . .	253.03	\$2,498.13
	<hr/>	<hr/>
Balance.....		\$1.87

**NEWBURYPORT TURNPIKE.**

Appropriation.....	\$1,000.00
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**Expended.**

Stock and Rolling.....	\$76.39	
Teams and Labor.....	956.63	
	<hr/>	
	\$1,033.92	
Less due Highways.....	41.99	991.03
	<hr/>	<hr/>
Balance.....		\$8.97

**NOWELL ROAD.**

Balance from 1911 Account.....	\$1,478.10	
Less transferred by order Board of Aldermen.....	200.00	\$1,278.10
	<hr/>	

**Expended.**

Stock.....	\$461.30	
Teams and Labor.....	660.02	\$1,121.32
	<hr/>	<hr/>
Balance.....		\$156.78

**WARWICK ROAD.**

Appropriation.....	\$1,200.00	
Less transferred by order Board of Aldermen.....	50.00	\$1,150.00
	<hr/>	

**Expended.**

Stock, 10700 pavers, 35-1/2 paving gravel.....	\$449.00	
Teams and Labor.....	530.92	\$979.92
	<hr/>	<hr/>
Balance.....		\$170.08

**EAST WYOMING AVENUE,**

Appropriation.....		\$500.00
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**Expended.**

Stock, 2275 pavers, 61 double loads gravel.....	\$121.76	
Teams and Labor.....	221.51	\$343.27
	<hr/>	<hr/>
Balance.....		\$156.73

**CRUSHER ACCOUNT.**

In anticipation of considerable crushed stone being used, the crusher plant, which was badly in need of repairs, was thoroughly overhauled and put in good condition; many holes were drilled in the ledge and much stone was blasted out and broken; the necessary coal was purchased, but not used. This work will reduce the operating expenses for the coming year.

In connection with this, I would suggest that additional bin room for the excess No. 1 stone, be built on the easterly side of the stone bins, which could be filled by means of a chute connecting with the screen, thereby obviating the necessity of dumping this stone on the ground. With this arrangement about eight cents per ton could be saved on the cost of rehandling.

**SIDEWALKS.**

There have been 13,630.45 linear feet of new edgestone set and 1,899.50 linear feet of edgestone reset, in connection with which it was necessary to repave 600 linear feet (100 square yards) of gutters.

There have been 835 square yards of granolithic, 132 square yards of brick, and 740.75 square yards of new tar concrete sidewalks constructed, and under repairs to present



walks 2,073.44 square yards, three-coat tar concrete, and 2,620.96 square yards one-coat work or top-dressing, were renewed. The above includes necessary repairs to gas, water and sewer trenches.

The question of sidewalk construction is well worthy of consideration. It is possible to build tar concrete walks so that they will last a long time, but it is almost impossible to know that this will be the case. This is due to poor material, improper mixtures and faulty construction. If the work is not properly done the walks soon go to pieces and require top-dressing and patching, which is nearly always unsatisfactory, besides being expensive to maintain.

While the first cost of granolithic walks is much greater than tar walks, they are less expensive in time, for, if properly built they are nearly permanent and cost nothing for repairs, and in all probability, they would save the City many expensive law suits brought by pedestrians for alleged injuries.

#### INDIVIDUAL WALKS.

Net Collections.....		\$1,767.34	
Appropriations.....		1,000.00	
Balance, Jan. 1, 1912.....		150.87	
			\$2,918.21
<b>Expended.</b>			
Labor.....	\$466.65		
Teams.....	85.95		
Edgestone.....	567.61		
Concrete.....	87.50		
Granolithic work.....	1,014.04		
Brick.....	108.38		
Flagging.....	27.17		
Loam and Sodding.....	116.03		
Sand and Gravel.....	25.30		
Paving Blocks.....	42.38		
Powder and Exploders....	4.20		
Cement.....	4.20	\$2,549.41	
Balance.....		368.80	
			\$2,918.21

## CONTINUOUS WALKS.

Appropriation.....	\$10,000.00	
Collections.....	2,019.42	
Balance Jan. 1, 1912.....	407.02	
Repair present Walks.....	4.95	
	<hr/>	\$12,431.39

## Expended.

Transferred by order Board of Aldermen.....	\$500.00	
Labor as per pay rolls.....	2,521.35	
Oil and Sundries.....	14.55	
Loam and Sodding.....	926.53	
Edgestone.....	7,163.58	
Concrete.....	540.31	
Granolithic work.....	179.08	
Gravel.....	38.75	
Powder and Exploders.....	3.86	
Paving Blocks.....	6.00	
Cement and Brick.....	28.30	
Teams.....	245.37	\$12,167.68
	<hr/>	
Balance.....	263.71	
	<hr/>	\$12,431.3

# INDIVIDUAL WALKS, 1912.

Abutters.	Location.	Lin. Feet Edgestone.		Sq. Yds. Concrete	Sq. Yds. Granolithic	Sq. Ft. Sodding	Sq. Yds. Brick	Extra	Credit	Total Cost City Work	Amt. Assess.
		Straight	Curved								
L. M. Bolton.....	57 Howard St.....	54.00	.....	.....	.....	178	.....	.....	\$24.50	\$83.47	\$29.48
Butler.....	Vinton St.....	.....	.....	.....	.....	.....	.....	.....	.....	37.60	37.60
J. G. Bowden.....	Cedar Pk.....	.....	.....	.....	.....	.....	.....	.....	.....	30.04	30.04
F. P. Bowden.....	Franklin & Greenwood Sts.	393.70	11.80	.....	308.88	.....	.....	.....	.....	914.48	457.24
*F. T. Burke.....	49 Myrtle St.....	.....	.....	.....	53.91	212	.....	.....	.....	101.76	50.88
Mrs. Josephine A. Carter	116 Hillside Ave.....	.....	.....	.....	.....	737	132	.....	53.44	225.69	172.25
F. H. Damon.....	79 Mt. Vernon St.....	50.20	.....	.....	27.89	108	.....	.....	.....	103.47	51.74
H. C. Grover.....	Stratford Rd.....	73.40	.....	.....	42.00	.....	.....	.....	.....	123.78	61.89
F. M. Goss.....	W. Foster St.....	.....	.....	.....	.....	.....	.....	.....	.....	118.03	59.01
Locke Coal Co.....	Main St.....	.....	.....	.....	.....	.....	.....	.....	.....	18.99	18.99
Mark Lewis (Theatre Bld.)	95 Malvern St.....	.....	.....	.....	36.00	120	.....	.....	.....	70.91	35.46
C. H. Little.....	46 Clifton Pk.....	70.00	.....	.....	.....	.....	.....	.....	.....	124.06	62.03
*E. F. Pierce.....	Sargent St.....	40.90	51.10	62.67	.....	246	.....	.....	.....	169.98	84.99
E. E. Prescott.....	Laurel St.....	.....	.....	.....	.....	.....	.....	.....	.....	24.11	24.11
Page.....	89 Malvern St.....	.....	.....	.....	36.44	117	.....	3.06	.....	71.57	38.85
R. P. Robinson.....	Vinton St.....	154.20	12.40	.....	337	.....	.....	.....	.....	142.95	71.47
*A. A. Spofford.....	81 Mt. Vernon St.....	50.20	.....	.....	31.89	89	.....	.....	.....	138.55	69.28
J. H. Scott.....	Main St.....	.....	.....	.....	.....	.....	.....	.....	.....	13.56	13.56
Sinnott Bros.....	44 Henry Ave.....	96.60	.....	.....	42.44	.....	.....	.....	.....	143.37	71.68
Mrs. C. F. Southwick.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
G. A. Webster.....	31 Ferdinand St.....	.....	.....	.....	.....	.....	.....	5.15	.....	5.15	5.15
Totals.....	Totals.....	983.20	99.30	62.67	579.45	21.44	132	8.21	\$77.94	\$2,661.49	.....

\*Unfinished because of freezing weather.

**Continuous Walks, 1912. (One-half cost assessed to Abutters)**

STREET.	Side	From	To	Edgestone		Blks.	Gran.	Conc.	Sod.	Total Assess.	Net Assess.
				Straight	Curved						
Berwick Street.....	East	Foster Street..	Grove Street.....	758.60	11.70	2	.....	.....	.....	540.82	\$270.91
*Cleveland St.....	West	Maple St.....	Sanford St.....	536.70	24.10	.....	.....	.....	.....	.....	.....
*Cleveland St.....	West	Baxter St.....	Wyoming Ave.....	136.10	19.40	.....	.....	263.40	.....	.....	.....
Essex St.....	North	Myrtle St.....	Vine St.....	641.50	126.10	.....	.....	.....	.....	.....	.....
Essex St.....	South	Myrtle St.....	West.....	771.23	64.10	.....	.....	.....	.....	592.70	296.35
Emerson St. W.....	Both	Main St.....	B. & M R.R.....	2,191.30	38.30	.....	.....	.....	7,995	2,200.44	1,113.94
Emerson St. E.....	Both	Main St.....	Bellevue Ave.....	2,236.10	184.10	2	.....	.....	7,436	2,248.00	1,124.00
Franklin St.....	Both	Ashland St....	Tremont St.....	734.20	35.80	.....	.....	.....	1,565	697.85	348.93
Green St.....	North	Howard St....	Main St.....	591.30	25.70	.....	.....	.....	.....	522.46	261.23
*Henry Ave.....	East	Highland Av... Main St.....	North..... East.....	105.00 266.00	158.20	.....	.....	.....	.....	.....	.....
*Highland Ave. E.....	South	Main St.....	East.....	421.00	43.75	.....	.....	.....	.....	.....	.....
Melrose St.....	South	Main St.....	East.....	701.90	22.90	.....	102.33	322.10	1,450	686.53	343.26
Mt. Vernon St.....	North	Chestnut St....	Brown St.....	.....	.....	.....	.....	27.77	404	861.97	430.99
*South Ave.....	South	Walton Pk....	Stoneham Line.....	596.90	24.70	.....	.....	.....	.....	.....	.....
*Stratford Rd.....	.....	.....	.....	79.10	.....	.....	.....	.....	.....	.....	.....
Tappan St.....	West	Baxter St.....	Sanford St.....	435.65	14.40	.....	.....	274.14	.....	511.54	255.77
Wyoming Ave.....	South	Florence St....	Adams St.....	1,476.66	116.20	.....	.....	.....	4,246	1,480.62	740.31
*Unfinished because of freezing weather				12,679.24	909.45	4	102.33	1,000.18	23,096	\$10,971.08	\$5,499.77

## EDGESTONE RESET AND STREET CORNERS—1912.

Streets	Location	Edgestone		Reset
		Curved	Straight	
Bellevue Avenue and Hillside Avenue...	North West Corner.....		213.00	.....
Bellevue Avenue.....	East Side.....	7.80	125.00	.....
Emerson Street East.....	Both Sides.....	149.40	129.20	.....
Essex Street.....	Both Sides.....		29.80	.....
Emerson Street West.....	Both Sides.....	27.60	612.30	.....
Franklin Street.....	Both Sides.....	35.80	161.10	.....
First Street and Sewall Street.....	One Corner.....	10.60	11.30	.....
Green Street.....	North Side.....		11.40	.....
Highland Avenue East.....	South Side.....	8.30	6.00	.....
Lynde Street and Walnut Street.....	Two Corners.....	21.60	26.70	.....
Myrtle Street.....	West Side.....	24.00	308.00	.....
Melrose Street and Belmont Street.....	One Corner.....	15.90	11.90	.....
Melrose Street and Albion Street.....	Two Corners.....	31.70	26.40	.....
Myrtle Street and Grove Street.....	North East Corner.....	29.60		.....
Melrose Street and Melrose Place.....	.....	24.20	26.70	.....
Tappan Street.....	West Side.....	17.00	9.50	.....
Vinton Street and Cedar Park.....	One Corner.....	11.20	10.50	.....
Vinton Street and Warwick Road.....	Two Corners.....	26.80	19.20	.....
Wyoming Avenue West.....	South Side.....		24.30	.....
Willow Street and W. Foster Street.....	Two Corners.....	25.70	21.70	.....
Totals.....		467.20	1,784.00	.....

**REPAIR PRESENT WALKS.**

Appropriation . . . . .	\$1,500.00	
Balance Jan. 1, 1912. . . . .	5.51	
Transferred by order Board of Aldermen. . . . .	1,050.00	
Sur. Drainage Construction	4.50	
Individual Walks. . . . .	46.77	
	<hr/>	\$2,606.78

**Expended.**

Labor and Teams. . . . .	\$116.30	
Concrete Work. . . . .	1,979.98	
Granolithic Work. . . . .	270.27	
Brick Work. . . . .	22.13	
Loam and Sodding. . . . .	35.62	
Edgestone. . . . .	153.62	
Cement and Sand. . . . .	3.85	
Advertising. . . . .	3.00	\$2,584.77
	<hr/>	
Balance. . . . .	22.01	
	<hr/>	\$2,606.78



## STREET SPRINKLING.

On May 22, 1912, the Board of Aldermen passed Order No. 7334, ordering the following streets sprinkled in accordance with Chapter 24 of the City Ordinance.

Street	From	To	Lin. Ft.
Ashland St.	Melrose St.	Highland Ave.	1,241
Ashland St.	Marvin Rd.	Wakefield Line	532
Adams St.	Wyoming Ave.	Russell St.	827
Batchelder St.	Bellevue Ave.	Porter St.	869
Bellevue Ave.	Linden Rd.	Upham St.	2,442
Berwick St.	Foster St.	Wyoming Ave.	1,230
Boardman Av.	Main St.	Hawes Ave.	600
Botolph St.	Franklin St.	West Hill Ave.	373
Cass St.	Grove St.	Foster St.	505
Cedar Pk.	Emerson St.	End Pope & Abbott's	332
Cedar Pk.	Emerson St.	Bend at Depot	370
Cleaveland St.	Sanford St.	Wyoming Ave.	783
Cottage St.	Foster St.	Wyoming Ave.	1,140
Dell Ave.	Upham St.	Winter St.	362
Elm St.	Howard St.	Linden Rd.	1,090
Emerson St.	Stoneham Line	Stratford Rd.	6,600
Essex St.	Emerson St.	Main St.	1,897
First St.	Lebanon St.	Holbrook's E. Line	460
Florence St.	Foster St.	Russell St.	2,132
Foster St.	Vinton St.	Larrabee St.	4,784
Franklin St.	Main St.	Stoneham Line	4,847
Gooch St.	Laurel St.	Foster St.	279
Green St.	Porter & Lebanon Sts.	Main St.	2,834
Greenwood St.	Franklin St.	Woodland Ave.	1,147
Greystone Rd.	First St.	Upham St.	427
Grove St.	Berwick St.	Larrabee St.	3,983
Henry Ave.	Highland Ave.	Richardson Rd.	647
Herbert St.	Berwick St.	Myrtle St.	379
Highland Ave.	Ashland St.	Sargent St.	949
Hillside Ave.	Upham St.	Emerson St.	445
Hillside Ave.	Bellevue Ave.	Angle in Street	336
Howard St.	Green St.	M. G. Cochrane's	1,244
Howard St.	Front of No. 134		250
Howard St..	Front of No. 196		390
Hurd St.	Cottage St.	B. & M. R. R.	776
Lake Ave.	Emerson St.	Tremont St.	1,224
Lebanon St.	Porter St.	S. Line No. 333	3,799
Linden Rd.	Green St.	Main St.	458
Linden Rd.	Green St.	100 ft. E. Bellevue Ave.	380
Linden Rd.	Elm St.	Porter St.	655

Lynde St.	Main St.	Summer St.	1,234
Laurel St.	Lebanon St.	Larrabee St.	1,344
Main St.	Malden Line	Wakefield Line	11,994
Malvern St.	Potter St.	Meridian St.	1,325
Maple St.	Vinton St.	Cleveland St.	216
Meridian St.	Grove St.	Beech Ave.	737
Melrose St.	Vinton St.	Tremont St.	893
Melrose St.	Front of No. 120		170
Morgan St.	Main St.	Richardson Rd.	1,313
Myrtle St.	Grove St.	Emerson St.	2,227
North Ave.	Walton Pk.	Stoneham Line	693
Orris St.	Vinton St.	Walton Pk.	1,090
Orient Ave.	Porter St.	Emerson St.	1,015
Pleasant St.	Wyoming Ave.	Frances St.	3,188
Porter St.	White's W. Line	School St.	1,618
Poplar St.	Emerson St.	Prospect St.	600
Rowe St.	Upham St.	Green St.	2,023
Sanford St.	Florence St.	Cleveland St.	253
Sargent St.	Franklin St.	Briggs St.	1,098
Sewall St.	Upham St.	First St.	390
Stratford Rd.	Upham St.	E. Line No. 57	338
Summer St.	Lynde St.	Linwood Ave.	290
Tremont St.	Emerson St.	J. P. Deering's	566
Tremont St.	Franklin St.	Melrose St.	847
Trenton St.	Foster St.	Washington St.	2,560
Upham St.	Main St.	Lincoln St.	3,250
Vine St.	Essex St.	Myrtle St.	650
Vinton St.	Franklin St.	Foster St.	4,880
Walton Pk.	Franklin St.	Orris St.	832
Warren St.	Franklin St.	Orris St.	614
Washington St.	Trenton St.	Gould St.	962
Willow St.	Essex St.	Foster St.	557
Wyoming Ave.	Stoneham Line	Brown's E. Line	4,446
Youle St.	Vinton St.	Leeds St.	892

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109,523

During the year the following changes were made:—  
 Gould Street, Pleasant Street to Washington Street, stricken out.

Pleasant Street, Wyoming Avenue to Goodyear Avenue to read Pleasant Street from Wyoming Avenue to Francis Street.

Washington Street, from Trenton Street to Pleasant Street to read Washington Street from Trenton Street to Gould Street.

Richardson Road from Morgan Street to Marvin Road, added.  
Cleaveland Street for 60 feet south of Sanford Street, discontinued.

### STREET SPRINKLING.

#### WATERING.

Labor.....	\$1,451.02
Teams.....	143.50
Repair of Carts.....	35.98
Repair of Stand-pipes.....	92.89
Printing Assessment Blanks	14.00
Correcting Schedules.....	5.00
	<hr/>
	\$1,742.39

#### OILING.

Alden Speare's Sons Co., oil	\$2,909.24	
Standard Oil Co., oil and		
Labor.....	2,241.68	
Labor and Teams.....	349.39	
Cleaning for Oiling.....	591.79	
	<hr/>	
	\$6,092.10	
Less Collection.....	10.00	\$6,082.10
	<hr/>	<hr/>
		\$7,824.49

\*Due this account from N. E. Tel. & Tel. Co., 1020 gallons of Oil, and Labor, \$64.41.

Amount certified for Assessment..... \$9,161.24

### CARE OF TREES.

Appropriation.....	\$500.00
Amount paid from High-	
way repairs.....	18.34
	<hr/>
	\$518.34

**Expended.**

Labor and Teams, (Including highways).....	\$415.94	
Paid by Treasurer for brush fires.....	102.40	
	<hr/>	\$518.34

**CLEANING ELL POND AND SPOT POND BROOKS.**

Appropriation.....	\$500.00
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**Expended.**

Labor, Teams and Cement..	427.72	
Balance.....	<hr/>	\$72.28

**STREET SIGNS AND NUMBERING.**

Appropriation.....	\$100.00
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**Expended.**

Signs.....	\$57.20	
Sign Posts.....	6.30	
Sign Irons.....	2.08	
Teams and Labor.....	23.84	89.42
	<hr/>	<hr/>
Treasury Balance.....		\$10.58

**STREET BOUNDS.**

Balance Jan. 1, 1912.....	\$53.88
No expenditures in 1912.	

**STREET CLEANING.**

Appropriation.....	\$4,500.00	
From Highway Repairing...	755.79	
	<hr/>	\$5,255.79

**Expended.**

Labor and Teams.....	\$3,643.59	
Labor, Push-carts.....	1,566.82	
Tools and Brooms.....	45.26	5,255.67
	<hr/>	<hr/>
Treasury Balance.....		\$0.12

**COLLECTION OF ASHES AND RUBBISH.**

There have been 3,408 double loads of ashes and rubbish collected; as nearly one-half of this amount was placed on park property, the cost of teaming was greatly increased on account of the long haul. Most of the convenient dumping grounds have been filled and other places will have to be found, probably necessitating a longer haul. In order to overcome this difficulty, I would suggest the use of an auto-truck, with its much greater capacity combined with speed, the expense of disposal would be greatly reduced; probably an elevated bin could be used, if placed in some central locality and provided with an incline so that carts could be dumped directly into it, and sufficiently elevated so that the truck could load beneath. This would enable the teams collecting ashes to be kept busy and prevent the truck from being delayed. A great saving in time and expense could be made if paper and other rubbish were kept separate from the ashes.

Appropriation . . . . .	\$3,300.00	
Collections . . . . .	373.44	
		<hr/>
		\$3,673.44

**Expended.**

Labor and Teams Collecting	\$3,216.61	
Labor, leveling city dumps. .	74.93	
Labor, leveling park dumps. .	130.00	
Printing and delivering Ash Schedules . . . . .	23.63	3,445.17
	<hr/>	<hr/>
Balance . . . . .		\$228.27

**STREET LIGHTING.**

Appropriation . . . . .	\$15,341.64
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**Expended.**

Malden Electric Company. . .	15,339.57	
	<hr/>	
Balance . . . . .		\$2.07

**CITY HALL.****Salaries and Wages.**

Appropriation . . . . .	\$1,400.00
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**Expended.**

Labor as per pay rolls . . . . .	1,371.43
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Balance . . . . .	<u>1,371.43</u>	\$28.57
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**OTHER EXPENSES.**

Appropriation . . . . .	\$2,000.00
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**Expended.**

Janitor's supplies and re-	
pairing . . . . .	\$390.43

Lighting . . . . .	1,236.10
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Heating . . . . .	549.32
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	<u>\$2,175.85</u>
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Less lighting bill unpaid . . . .	224.40	<u>1,951.45</u>
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Balance . . . . .		\$48.55
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**CITY AUDITORIUM.****List of Engagements.**

Evenings.....	Full Price	94	\$2,032.00
Afternoons.....	Full Price	2	20.00
Evenings.....	Free	4	<hr/>
Afternoons.....	Free	1	\$2,052.00

Amount received and paid Treasurer, 1912 Acct....	\$1,987.00
Amount received and paid Treasurer, 1911 Acct....	25.00
	<hr/>
	\$2,012.00

**CITY SCALES.**

In accordance with the Ordinance, all materials purchased by the City, so far as I am aware, have been weighed on the City Scales, and in addition to these, goods of outside parties have been weighed and the fees established by ordinance collected. These collections amount to \$34.10, and this amount has been paid to the City Treasurer.

**INSURANCE.**

Appropriation.....	\$1,728.00
Receipts.....	140.00
	<hr/>
	\$1,868.00

**Expended.**

Premiums.....	1,748.75
	<hr/>
Balance.....	\$119.25

**SEWER DIVISION—CONSTRUCTION.**

Balance Jan. 1, 1912.....	\$3,776.02
Stock Balance.....	1,127.34
Bond Issue.....	10,000.00
Received for Stock.....	244.61
	<hr/>
	\$15,147.97

**Expended.**

Construction, see table.....	\$5,139.12	
On account maintenance, to be refunded.....	16.97	
Stock balance, Pipe and Castings.....	\$1,627.84	
Air Compressor and Drill....	1,581.98	3,209.82
		<hr/>
Balance.....	6,782.06	
		<hr/>
		\$15,147.97

**STOCK ACCOUNT.**

Balance Jan. 1, 1912.....	\$1,127.34		
Stock bought:			
Sewer Pipe.....	\$1,604.13		
Brick.....	434.68		
Cement.....	585.23		
Soil Pipe and Castings....	597.74		
Drill and Air Compressor...	1,581.98		
Tools.....	128.10		
Lumber.....	32.90		
Oil and Sundries.....	122.25		
Stock from other Divisions..	139.74		
Rent of Yard.....	175.00		
Labor on Stock at Yard....	128.75		
Receipts 1911, stock sold...	244.61	5,775.11	\$6,902.45
		<hr/>	
Used on Sewer Construction		922.27	
By other Divisions.....		2,770.36	
Balance on hand, Pipe and Cement.....	\$1,627.84		
Drill & Air Compressor....	1,581.98	3,209.82	
		<hr/>	
			\$6,902.45

**COST OF SYSTEM.**

Construction to Jan. 1, 1912.	\$438,632.40
Construction 1912.....	5,139.12
	<hr/>
Total Cost to Jan. 1, 1913...	\$443,771.52

## MAINTENANCE.

Appropriation . . . . .	\$500.00	
Balance Jan. 1, 1912. . . . .	57.40	
Due Sewer Construction, to be refunded. . . . .	16.97	
	<hr/>	\$574.37

## Expended.

Cleaning Sewers, Labor . . .	\$450.61	
Stock and Tools. . . . .	54.60	505.21
	<hr/>	
Repairing, Labor. . . . .	\$26.80	
Stock. . . . .	22.15	48.95
	<hr/>	
		\$554.16
Balance. . . . .	20.21	
	<hr/>	\$574.37

## SEWER CONSTRUCTION—1912.

Street	Location	Pipe		Number of M. Hs.	Cost
		Size Inches	Length Feet		
Argyle Street.....	Rogers Street Southerly.....	6	122	0	\$164.81
Charles Street.....	Across Lynn Fells Parkway.....	6	72	0	379.42
Emerson Street West.....	Main Street Westerly.....	6	92	0	205.46
Martin Street.....	Via private land to Sanford Street.....	6	498	2	649.16
Morgan Street.....	Briggs Street Easterly.....	6	182	1	639.95
Perkins Street.....	Extension to Stoneham Line.....	8	874	4	.....
Perkins Street.....	.....	6	372	2	3,088.32
Total.....					\$5,127.12
Damages Reading Hill Ave. Sewer.....	.....				12.00
Total.....					\$5,139.12

**PRIVATE SEWERS.****House Connections.**

There have been 85 connections made with the main sewers the past year, which have been paid for from the collections, making a total to January 1, 1913, of 2,940; 35 private sewers have been inspected and cleaned. (Cost of private sewers paid for by applicant).

Balance Jan. 1, 1912.....	\$114.05	
Collections paid Treasurer...	2,568.84	
	<hr/>	\$2,682.89

**Expended.**

Labor.....	\$1,774.99	
Stock, Sewer Construction..	632.52	
Stock and Teams, Highway.	146.22	
Sundries, lumber, coal, etc..	32.95	\$2,586.68
	<hr/>	
Balance.....	96.21	
	<hr/>	\$2,682.89

## SEWERS BUILT TO JANUARY 1, 1913.

Size in Inches	LENGTH IN FEET.										Totals
	1894—1904	1905	1906	1907	1908	1909	1910	1911	1912		
6 Pipe.....	93,993	780	1,906	1,935	5,234	1,134	2,413	2,008	1,338	\$110,741	
8 ".....	47,931	239	342	1,090	696	160	582	488	874	52,402	
10 ".....	16,690	545	.....	.....	171	.....	.....	.....	.....	17,406	
12 ".....	10,281	.....	.....	.....	.....	.....	.....	.....	.....	10,281	
15 ".....	3,477	.....	362	.....	.....	.....	.....	.....	.....	3,839	
18 ".....	5,150	.....	.....	.....	.....	.....	.....	.....	.....	5,150	
20 ".....	2,788	.....	.....	.....	.....	.....	.....	.....	.....	2,788	
24 ".....	1,213	.....	.....	.....	.....	.....	.....	.....	.....	1,213	
20 x 18 Brick	3,035	.....	.....	.....	.....	.....	.....	.....	.....	3,035	
20 ".....	111	.....	.....	.....	.....	.....	.....	.....	.....	111	
24 ".....	28	.....	.....	.....	.....	.....	.....	.....	.....	28	
Totals.....	184,697	1,764	2,610	3,025	6,101	1,294	2,995	2,496	2,212	\$206,994	

Note—Total length of Sewers 206,994 feet, or 39.20 miles; 2.4 miles of which are owned and controlled by the Commonwealth of Massachusetts, but by an Act of the Legislature, Melrose is permitted to use in the same manner as the local sewers.



**SURFACE DRAINAGE.****Construction.**

Balance Jan. 1, 1912.....	\$2,420.51	
Bond Issue.....	5,000.00	
Stock on hand Jan. 1, 1912.....	1,035.80	
Due to other Divisions, included in cost of Construction.....	40.70	
	<hr/>	\$8,497.01

**Expended.**

Construction, see table.....	\$8,376.48	
Balance.....	120.53	
	<hr/>	\$8,497.01

**Maintenance.**

Appropriation.....	\$750.00	
Balance.....	83.93	
Transferred from Forest St., by order of Board of Aldermen.....	200.00	
Paid from Highway Maintenance Ac- count.....	372.32	
	<hr/>	\$1,406.25

**Expended.**

Cleaning catch-basins.....	\$716.93	
Thawing out catch-basins...	130.17	
Repairing catch-basins.....	88.76	
Cleaning brooks.....	149.56	
Cleaning drains.....	120.67	\$1,206.09
	<hr/>	
Balance.....	200.16	
	<hr/>	\$1,406.25

# SURFACE DRAINAGE CONSTRUCTION—1912.

Street.	LOCATION.	Size Inches	Length Feet	Material	No. M. Hs.	No. of C. Bs.	Cost
Cottage St.....	Hurd St. North.....	12	170	Akron Pipe	0	0	\$330.50
Dix Pond.....	Extension.....	12	110	"	0	0	157.87
Essex Street.....	New C. Bs.....				0	3	270.86
Ell Pond Brook.....	Notes.....						.56
Florence Street.....	Hurd St. to Sanford St.....	15	268	"	1	1	
Florence Street.....	Sanford St. to W. Foster St.....	12	520	"	2	2	1,536.52
Hurd Street.....	Cottage St. to Trenton St.....	18	290	"	1	4	
Hurd Street.....	Trenton St. to Florence St.....	12	274	"	1	2	
Hurd Street.....	At Trenton Street.....	15	20	"	0	0	1,173.21
Lincoln Street.....	Emerson St. to Upham St.....	18	370	"	2	0	1,594.48
Lynde Street.....	Walnut St. to Chestnut St.....	15	124	"			
Lynde Street.....	At Sylvan Street.....	12	340	"	2	3	1,047.94
Main Street.....	New C. Bs.....				0	2	32.80
Mt. Vernon St.....	R. R. Arch to Melrose Pl.....	12	200	"	0	2	166.82
Melrose Street.....	Henry Avenue Easterly.....	12	100	"	0	2	429.83
Nowell Road.....	Parkway Northerly.....	12	120	"	0	1	385.54
Perkins Street.....	Side drain (charged to Highway)	18	200	"			282.40
Willow Street.....	Foster St. to Cherry St.....	15	292	"	1	0	
Willow Street.....	At Cherry Street.....	12	76	"	0	0	651.43
Warwick Road.....	New C. Bs.....				0	1	98.57
Leonards Brook.....	Drain, damages, etc.....						206.16
Total.....							\$8,365.49
Malden & Melrose.....	G. L. Company, charges.....						10.99
Value of S. D. Con- structed 1912.....	struction to Jan. 1, 1912.....						\$8,376.48
Total Value to Jan. 1, 1913.....							\$145,213.18
							8,376.48
							\$153,589.66

## SUMMARY OF WORK DONE IN 1912.

1,656 ft. 12 in. pipe, 958 ft. 15 in., 860 ft. 18 in., 11 M. Holes, 23 C. Basins.

# SUMMARY OF IMPROVED SURFACE DRAINAGE CON- STRUCTED TO JANUARY 1, 1913.

8 inch Akron Pipe.....	646 lin. ft.	
10 " " " .....	1,226 " "	
12 " " " .....	16,517 " "	
15 " " " .....	12,862 " "	
16 " Iron Pipe.....	284 " "	
18 " Akron Pipe.....	4,675 " "	
20 " Iron Pipe.....	120 " "	
20 " Akron Pipe.....	4,124 " "	
24 " " " .....	1,460 " "	
Brick conduit.....	659 " "	
Concrete conduit.....	8,894 " "	
No. of concrete culverts.....	4 " "	
No. of manholes.....	257 " "	
No. of catch-basins.....	408 " "	
Cost of System to Jan. 1, 1912....		\$145,213.18
Construction 1912.....		8,376.48
		<hr/>
Cost of System to Jan. 1, 1913....		\$153,589.66

## ENGINEERING.

### Salaries and Wages.

Appropriation.....	\$3,000.00	
Receipts.....	44.25	
		<hr/>
		\$3,044.25

### Expended.

Labor as per pay rolls.....		2,472.59
		<hr/>
Balance.....		\$571.66

### Other Expenses.

Appropriation.....	\$325.00	
Receipts.....	7.23	
		<hr/>
		\$332.23

**Expended.**

Plan and profile, Hancock Street, Mountain Avenue and Church Street.....	\$30.00	
Supplies.....	152.63	
Team Hire and Car Fares.....	131.25	313.88
		<hr/>
Balance.....		\$18.35

**SYNOPSIS OF WORK DONE.****Highway Division.**

Street lines and grades given for construction of new streets, including gutters, crossings, guard rails, etc., and record plans made of same.

**Sewer Division.**

Estimates have been rendered, lines and grades given, records kept of "Y" locations, plans and profiles made, and schedules for assessing all sewers constructed in 1912.

**Water Division.**

Estimates have been made and lines given, for water mains, constructed and relaid. For location, lengths and size of mains, see tables under "Water Division."

**Surface Drainage.**

Surveys, computations and plans have been made, lines and grades given, and records kept of "Y" locations of all new work constructed in 1912.

**Wyoming Cemetery.**

52 lots have been surveyed, a plan of each lot made and blue-prints of same furnished the Cemetery Department. Lines and grades for driveways have been given. General plan of Cemetery showing lots has been corrected to date.

**Sidewalks.**

Plans and profiles have been made, lengths and radii of curbing computed, work measured and schedules for assessment made.

**Assessment Plans.**

New buildings have been plotted. Common and private sewers constructed in 1912, and sewer assessment data recorded on plans.

**Street Numbering.**

All new houses have been located and numbers furnished and put on by this Department. 105 premises have been numbered. Street lines and grades given to 37 abutters. Acceptance plans made of 8 streets. Plans made for 7 releases, and 3 for the Land Court.

**CLASSIFICATION OF EXPENDITURES.****Highways:—**

Comprising plans, estimates, titles, profiles, lines and grades, and all other engineering work relating to the Department. . . . . \$734.48

**Sewers:—**

Comprising surveys, estimates, profiles, lines, grades, plans, assessments, and all other engineering work relating to sewers. . . . . 279.17

**Surface Drainage:—**

Comprising lines, grades, surveys and plans of all surface drainage work, . . . . . 336.94

**Water Works:—**

Comprising lines, location of mains, plotting of new mains, etc., on city water map. . . . . 113.33

**Street Numbering:—**

Location of buildings, numbering plans and affixing street numbers on houses. . . . . 43.11

**Street Lines and Grades for Abutters:—**

Establishing lines, grades, and miscellaneous data given parties for building, etc. . . . . 153.50

**Assessment Plans:—**

Plans made and houses plotted, etc. . . . . 100.78

**Land Court:—**

Comprising checking of street lines, etc. . . . .	15.59
---	-------

**Acceptance Plans:—**

Surveys and establishing grade of streets and estimates of same proposed for acceptance. . . . .	143.27
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**Office Work:—**

Records of locations, indexing, calculations and general draughting. . . . .	446.43
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**Wyoming Cemetery:—**

Comprising line and grade and lots surveyed, plans of lots made, etc. . . . .	105.99
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\$2,472.59

For the many courtesies extended by His Honor the Mayor, the Board of Aldermen, and the City Officials, and to the employees of this Department, who have so faithfully performed their various duties, I desire to express my appreciation.

GEORGE W. WOOD,

*Engineer and Superintendent Public Works.*

**MELROSE, MIDDLESEX COUNTY, MASSACHUSETTS.**

Location, 7 miles north of Boston. . . . .	
Population, May 1, 1912. . . . .	16,241
Number of voters. . . . .	3,455
Number of polls. . . . .	4,596
Greatest extent of City north and south. . . . .	2.44 miles
Greatest extent of City east and west. . . . .	2.95 miles
Valuation of real estate. . . . .	\$15,209,800.00
Valuation personal. . . . .	2,213,000.00
Tax Rate per thousand. . . . .	20.40



Area of City.....3,115 acres

Land.....3,079.50 acres

Water..... 35.50 acres

Length of public streets.....46.04 miles

Length of private streets.....14.33 miles

Total length of water mains.....52.16 miles

Range of pressure on mains.....From 100 lbs. to 23 lbs.

Total length of sewers.....39.20 miles

Number of arc lights.....59

Number of incandescent lights.....660

Areas of Parks:—

Melrose Common,..... 4.4 acres.

Sewall Woods Park,..... 9.0 “

Ell Pond Park,..... 25.50 “

Pine Banks Park..... 81.7 “

Middlesex Fells.....170.0 “

Area Wyoming Cemetery,..... 43.5 “

Elevation Main Street at City Hall, 61 feet above mean low water.

# Assessors' Report

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January 1, 1913.

*Hon. Oliver B. Munroe, Mayor of the City of Melrose.*

Dear Sir:—The Board of Assessors herewith submit their report for the year ending December 31, 1912.

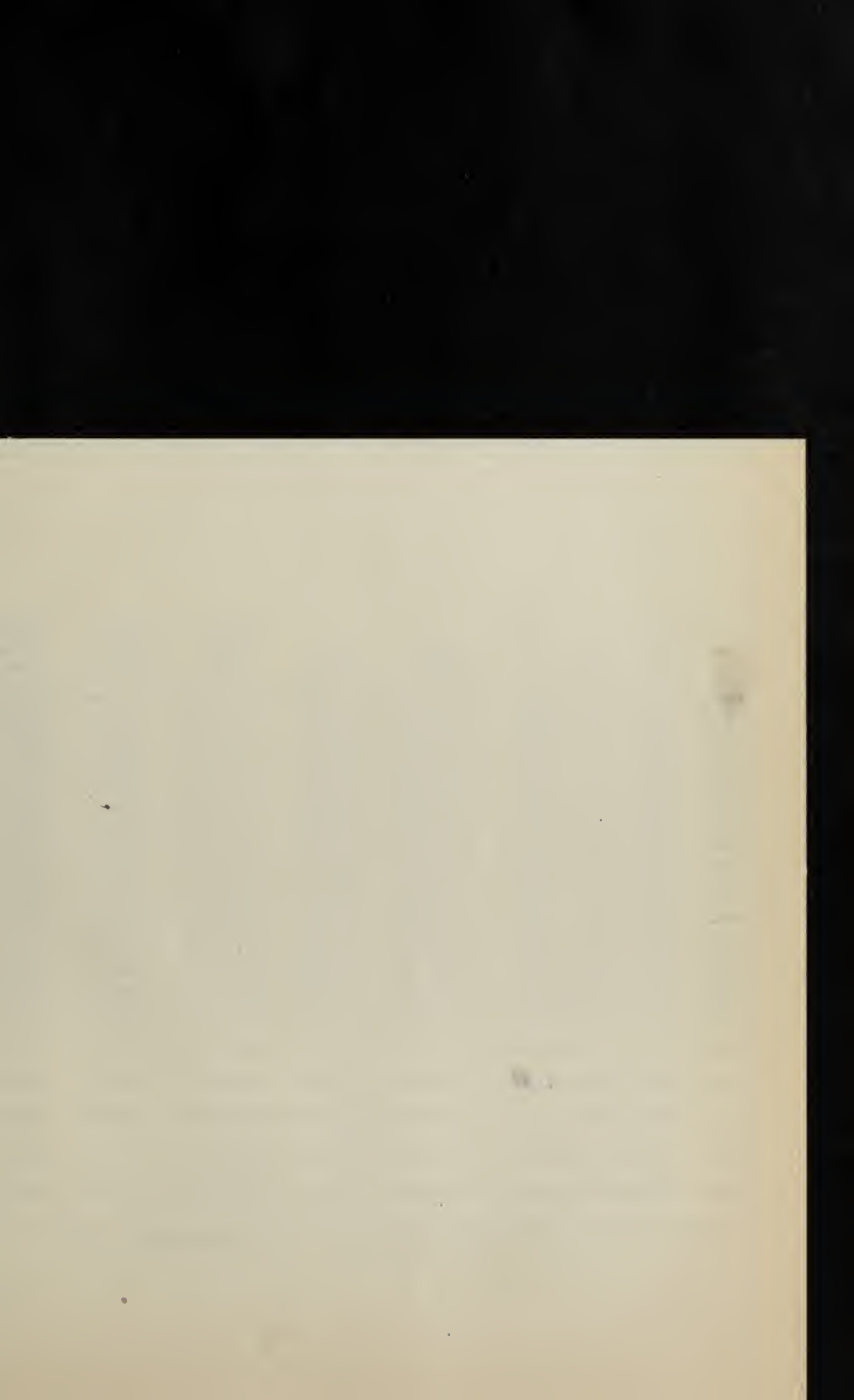
## Taxable Valuation of the City.

Buildings.....	\$9,452,650.00	
Land.....	5,757,150.00	
		\$15,209,800.00
Personal Estate, including Res- ident Bank Stock.....		2,213,000.00
Total Real and Personal Estate.		\$17,422,800.00
Tax Assessed on Real Estate...	\$310,279.92	
Tax Assed. on Personal Estate..	45,145.20	
Tax Assed. on 4596 Polls.....	9,192.00	

\$364,617.12

## Appropriations.

State Tax.....	\$27,000.00
County Tax.....	14,860.33
Met. Sewer Tax.....	15,804.48
Met. Park Tax.....	9,412.75
State Highway Tax.....	18.45
Charles River Basin.....	1,323.37
City Budget.....	283,731.71
Overlay.....	12,466.03
	\$364,617.12
Moth Tax Assessed.....	203.55
Street Watering Tax Assessed..	9,378.73
Excise Tax Assessed (Bay State St. Ry. Co.).....	2,216.03
Number of resident individ- uals, firms, etc., assessed....	2,659
Number of non-resident indi- viduals, firms, etc., assessed..	758



Year	Census	Dwellings	Polls	Value Buildings	Value Land	Total Val. Real Estate	Value Personal Estate	Total Valuation
1890	8,127	1,911	2,321	\$3,999,375	\$2,355,700	\$6,355,075	\$3 69,360	\$6,724,705
1891	8,827	2,032	2,412	4,272,025	3,093,275	7,372,025	405,690	7,777,715
1892	9,539	2,282	2,723	4,786,150	3,379,700	8,165,850	430,715	8,596,565
1893	10,474	2,484	3,048	5,308,500	3,590,975	8,899,475	500,655	9,400,130
1894	10,847	2,583	3,126	5,677,800	3,708,975	9,386,775	538,098	9,924,873
1895	11,651	2,836	3,391	6,207,475	3,874,625	10,082,100	556,650	10,638,750
1896	12,314	3,022	3,593	6,786,100	4,101,250	10,796,250	637,815	11,434,165
1897	12,520	3,145	3,673	7,143,950	4,306,650	11,450,600	758,415	12,280,815
1898	12,630	3,212	3,690	7,430,000	4,320,895	11,750,895	724,249	12,475,144
1899	12,625	3,233	3,695	7,496,100	4,324,250	11,820,350	845,085	12,665,435
1900	12,715	3,237	3,650	7,582,525	4,398,150	11,980,675	797,690	12,778,365
1901	12,781	3,248	3,711	7,610,850	5,993,025	13,603,875	1,286,890	14,890,765
1902	13,369	3,280	3,931	7,781,400	5,927,575	13,708,975	1,656,505	15,365,480
1903	13,641	3,312	4,052	7,865,250	5,915,375	13,780,625	1,397,005	15,177,630
1904	14,021	3,319	4,137	7,945,700	5,867,625	13,813,325	1,424,530	15,237,855
1905	14,559	3,334	4,235	8,020,150	5,845,800	13,865,950	1,463,745	15,329,695
1906	14,572	3,363	4,235	8,131,450	5,787,100	13,918,550	1,559,330	15,477,880
1907	14,860	3,382	4,318	8,288,850	5,781,500	14,070,350	1,664,060	15,734,410
1908	15,122	3,393	4,344	8,450,675	5,788,475	14,239,150	1,733,810	15,972,960
1909	15,246	3,416	4,438	8,627,425	5,775,725	14,403,150	1,746,675	16,149,825
1910	15,735	3,447	4,490	8,865,325	5,771,450	14,636,775	1,827,090	16,463,865
1911	16,118	3,503	4,515	9,164,225	5,757,450	14,921,675	1,975,950	16,897,625
1912	16,241	3,564	4,596	9,452,650	5,757,150	15,209,800	2,213,000	17,422,800

\*City Appropriation.

Rate per \$1,000	City Appro- priation	Sewer- age Tax	Park Tax	State Tax	County Tax	Overlay	Total Tax Levy	Year
13.70	\$85,335.80	.....	.....	\$5,145.00	\$4,733.83	\$1,536.56	\$96,751.19	1890
14.20	104,061.87	.....	.....	4,410.00	4,733.83	1,779.04	114,984.74	1891
15.80	123,604.46	\$646.75	.....	5,757.50	6,428.39	4,834.62	141,271.72	1892
14.40	121,014.98	1,649.14	.....	8,225.00	6,716.22	3,927.41	141,532.75	1893
14.20	123,852.57	4,041.90	.....	6,580.00	7,195.97	5,514.76	147,185.20	1894
14.80	137,973.25	5,581.48	.....	5,895.00	9,307.02	5,418.73	164,175.48	1895
15.20	154,992.74	5,581.48	.....	6,877.50	9,865.44	3,664.11	180,981.27	1896
15.60	165,521.31	12,182.21	.....	6,877.50	9,307.02	3,915.46	197,803.50	1897
15.20	187,636.69	7,100.42	.....	6,645.00	11,018.42	3,314.37	215,714.90	1898
17.00	191,391.10	9,645.53	.....	6,645.00	12,007.07	3,013.69	222,702.39	1899
18.00	199,837.41	9,431.01	.....	6,645.00	11,857.11	9,540.04	237,310.57	1900
16.20	206,635.82	9,727.23	.....	7,437.50	13,388.55	*11,463.29	248,652.39	1901
17.20	237,107.27	10,561.13	\$1,977.83	6,375.00	13,355.88	2,861.15	272,148.26	1902
18.00	237,087.74	10,808.84	5,169.59	10,625.00	13,917.89	3,692.28	281,301.34	1903
17.40	225,003.32	11,744.15	5,696.87	11,625.00	15,716.05	3,627.28	273,412.67	1904
18.00	227,044.58	12,077.04	5,922.31	18,600.00	15,272.57	5,488.01	284,404.51	1905
17.80	229,006.55	12,222.49	6,183.01	16,275.00	16,188.40	4,100.81	283,976.26	1906
17.00	219,753.24	9,264.95	7,183.32	18,000.00	15,880.08	6,038.36	276,120.97	1907
18.50	234,100.42	14,397.93	7,868.56	24,750.00	15,606.50	7,444.60	304,187.76	1908
19.30	250,100.51	13,567.95	8,158.34	*19.75 20,250.00	17,350.17	11,220.90	320,567.62	1909
19.40	255,567.13	14,834.95	8,494.76	*19.75 23,760.00	16,478.32	97,224.31	328,378.98	1910
20.40	276,517.13	15,496.52	11,634.39	*19.51 *23,780.00	15,170.07	7,067.28	353,741.55	1911
20.40	283,731.71	15,804.48	*4,076.16 9,412.75 *1,323.37	27,000.00	14,860.33	12,466.03	364,617.12	1912

\*includes State Highway Tax

\*Charles River Basin





Number of persons assessed for poll tax only.....	3,372
Number of horses assessed.....	426
Number of cows assessed.....	176
Number of swine assessed.....	10
Valuation of Property Exempt from Taxation:—	
Houses of religious worship....	\$370,775.00
Benevolent institutions.....	95,000.00
	<hr/>
	\$465,775.00

Respectfully submitted,  
FRANK R. UPHAM  
WILLIAM MORSS,  
L. FRANK HINCKLEY,  
*Assessors.*

# **Annual Report of the Trustees** **of the** **Melrose Public Library**

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*To His Honor, the Mayor, Oliver B. Munroe, and the Honorable Board of Aldermen.*

*Gentlemen:—*

The Trustees of the Public Library present their report for the year 1912, being the twelfth annual report to the City, and the forty-third since the establishment of the Library.

The library has been open from two until nine daily throughout the year; Sundays, Legal Holidays and Wednesdays in July and August, having been excepted.

During this time 65,425 books have been issued, the largest number for a single month was 7,026, the average, 5,482; that for a single day, 482; the average, 222. About 800 books have been added by purchase; 247 have been replaced, and 686 rebound. On account of changes in the cataloguing system, preparation of the annual bulletin has been delayed. It will be issued during the coming summer. 145 books have been purchased for the Duplicate Collection, of which 106 have been transferred to the stacks of the library. \$146.82 has been received from circulation in this department. It has again proved an efficient aid in satisfying the demand for current fiction, and is much appreciated by novel readers. As the name suggests there is no book on this list which may not be found on the public shelves. It is simply a convenience for those who do not care to wait their turn in a large number of patrons who may call for any single popular novel.

For the first time since 1870, last year a thorough and systematic revision of the accumulation of forty-two years, was conducted. Soiled, untidy, useless and out-of-date books were eliminated, pamphlets destroyed, and government documents returned to Washington, in preparation for the work of classifying and cataloguing the library. This has never before been done in a systematic manner.

On July 1st, the work was begun under the supervision of a professional organizer, and was completed January 1st.

The Dewy Decimal classification in use in nearly all libraries in the country was adopted. This system divides all publications into nine classes, marked by the numerals 1 to 9. Any books like dictionaries, cyclopedias, and all periodicals, being composite in character, are put in a class marked O. Fiction and Biography are arranged alphabetically by authors.

It has been necessary at times to withdraw whole classes of books from circulation during process of classification, and much confusion has necessarily attended the work. We are most grateful for the patience and co-operation of the public which has greatly helped during this trying time.

A more orderly and efficient administration of library affairs than has heretofore been possible will follow this important change in method.

A new and simpler charging system is to be installed also, and our library takes its place among up-to-date progressive libraries of the time.

The cost of this work has been met by drawing upon the Catalogue Fund. This Fund has accrued during many years by the slow accumulation of fines charged for overtime of books.

Following this reorganization, attention was called to the relative strength and weakness of the library in its different departments. The American Library Association, representing consensus of opinion of library experts in the country, has issued a schedule for a model library, giving correct proportion of departments. Measured by this standard, our library is strong in Religion, Literature, History, Travel and Biography; weak in Sociology, Philology, Useful Arts, and General Works; correct in Fine Arts and Natural Science; strong in Fiction and Juvenile. A committee is at work with the object of filling out these weak departments, so that the coming season will give us a perfectly balanced collection of books for the reading public.

The Children's Department continues to grow, interest and attendance increasing each year. No part of library work is more important than this. Practical aid in study, the habit of reading, the taste for what is best in books, are invaluable helps in development of character during the im-

pressionable and formative years of a child's school life.

The Children's Room has received the gift of a bust of Longfellow, from Miss Charles, whose continued generosity is much appreciated by the children, and by the Trustees.

The Historical Room has been used by the Melrose Horticultural and Improvement Society, for its regular meetings, and occasionally by other organizations interested in civic work.

The regular meetings of the Trustees have been held with full attendance.

Our library staff has been increased by the addition of an Assistant Librarian, the former assistant taking the place of cataloguer.

We greatly appreciate the patience and cheerfulness with which they have met the many discomforts of the last six months, and the unfailing devotion to and interest in library affairs that one and all have manifested.

For the coming year the sum of \$6,017 will be needed, divided as follows:

Salaries (including \$50 for cleaning) . . . .	\$2,667.00
Books and Periodicals . . . . .	1,750.00
Binding . . . . .	500.00
Fuel and Light . . . . .	500.00
Building, Painters' Supplies and other Expenses . . . . .	600.00
	<hr/> \$6,017.00

It is earnestly hoped that this full sum will be allowed. It can be curtailed only with distinct loss to the work of the library, and its influence in the community.

Respectfully submitted for the Board of Trustees, by the Secretary,

ANNA T. BUSH.

EDWARD M. MUNYAN,  
NEIL A. DIVVER,  
PAUL STERLING,  
WILLIAM T. ATWOOD,  
MARY L. CHARLES,  
ANNA T. BUSH,

*Trustees.*

**STATISTICS—1912.**

Number of volumes in the library, Jan. 1, 1912.....	15000
Increase by Purchase.....	797
Increase by Books from Duplicate Library.....	106
Increase by Binding Periodicals.....	38
	— 941
Number of Volumes in the Library Jan. 1, 1913.....	15,941
Number of cards issued in 1912.....	702
Number of students' cards issued in 1912.....	312
Number of teachers' cards issued in 1912.....	34
Number of volumes rebound in 1912.....	686
Number of volumes replaced in 1912.....	247

**CIRCULATION.**

Largest monthly circulation.....	7,026
Smallest monthly circulation.....	3,714
Largest daily circulation.....	482
Smallest daily circulation (stormy).....	63
Average monthly circulation.....	5,452
Average daily circulation.....	222
Total number of books issued in 1912.....	65,425

**DONATION—BOOKS.**

Acts and Resolves of Massachusetts.....	State
Annual Report of Commissioner of Education.....	State
Annual Report of Metropolitan Water Board.....	State
Official Records of the Union and Confederate Navies	
Public Library of the City of Boston.....	Mr. H. G. Wadlin
Record of 23d Regiment Mass. Infantry.....	Mr. John Gray
Trail of the Lonesome Pine.....	Mrs. A. W. Birdsall
Queed.....	Mrs. A. W. Birdsall
Heart of Us.....	Mr. F. Blake
War Letters of William T. Lusk.....	Children of W. T. Lusk
Wendell Phillips Centenary 1911.....	National Association

**PRESENTED.**

Statuary—Bust of Longfellow.....	Miss M. L. Charles
Flowering Plants—.....	Casey and Sons

# REPORT OF THE TREASURER OF THE SPECIAL FUNDS OF THE MELROSE PUBLIC LIBRARY.

## William Emerson Barrett Fund.

Jan. 1, 1912:—

By Balance.....		\$109.83
By Interest.....		4.42
Balance.....	\$114.25	
	<hr/>	<hr/>
	\$114.25	\$114.25
By Balance.....		\$114.25

## Thomas Nelson Perkins Fund.

Jan. 1, 1912:—

By Balance.....		\$519.85
By Interest.....		20.77
To Books purchased.....	9.36	
Balance.....	531.26	
	<hr/>	<hr/>
	\$540.62	\$540.62

Jan. 1, 1913:—

By Balance.....		\$531.26
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## William Bailey Fund.

Jan. 1, 1912:—

By Balance.....		\$2,603.24
By Interest.....		105.01
To Books purchased.....	\$42.39	
Balance.....	2,665.86	
	<hr/>	<hr/>
	\$2,708.25	\$2,708.25

Jan. 1, 1913:—

By Balance.....		\$2,665.86
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**Duplicate Library Fund.**

Jan. 1, 1912:—		
By Balance.....		\$145.85
By Books Loaned.....		137.53
By Interest.....		5.50
To Books 90 purchased.....	\$106.71	
To Catalogue Fund.....	175.00	
Balance.....	7.17	
	<hr/>	<hr/>
	\$288.88	\$288.88
Jan. 1, 1913:—		
By Balance.....		\$7.17

**Catalogue Fund.**

Jan. 1, 1912:—		
By Balance.....		\$997.49
By Fines for year.....		159.54
By Interest.....		175.00
To Re-catalogueing Library.....	\$1,208.07	
To Miscellaneous Expenses.....	73.77	
Balance.....	69.40	
	<hr/>	<hr/>
	\$1,351.24	\$1,351.24
Jan. 1, 1913:—		
By Balance.....		\$69.40

**Hyman Peterhoff Fund.**

Jan. 1, 1912:—		
By Balance.....		.36
Balance.....	.36	
	<hr/>	<hr/>
	.36	.36
Jan. 1, 1913:—		
By Balance.....		.36

NEIL A. DIVVER, *Treas.*

Examined and found correct, March 4, 1913.

EDWIN C. GOULD, *Auditor.*

# Report of the Sinking Fund Commissioners

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Melrose, Mass., March 25, 1913.

*To the Honorable, the Board of Aldermen, Melrose, Mass.*

*Gentlemen:*—We submit herewith our report of the operations of the Sinking Funds for the year 1912.

EDWARD J. KITCHING  
FRANKLIN P. SHUMWAY  
EVERETT L. FULLER,

*Sinking Fund Commissioners.*

## WATER FUND.

### Summary of Transactions 1912.

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#### *Receipts.*

Cash Balance on hand Jan. 1, 1912...		\$95.43
Bonds, Notes and Certificates of Deposit, Sold and Matured.....	\$85,532.53	
Accrued Interest on Bonds sold....	167.39	
Interest and Coupons.....	6,261.99	
	<hr/>	\$91,961.91
		<hr/>
		\$92,057.34

#### *Payments.*

Bonds, Notes and Certificates bought	\$29,873.63	
Accrued Interest on Bonds bought...	86.13	
Coupons paid, credited to wrong account.....	30.00	
Expenses. Rent Safe Deposit, Scrap Book.....	25.25	
City of Melrose, supplying funds to pay Maturing Water Bonds....	62,000.00	\$92,015.01
	<hr/>	<hr/>
Balance to new account on deposit in Melrose Nat. Bank....		\$42.33

**LIST OF SECURITIES BELONGING TO WATER LOAN SINKING FUND, DECEMBER 31, 1912.**

		Due	Rate P. C.	Numbers	Par Value	Book Value
10	Melrose Water Bonds.....	Oct. 1, 1913	4	1, 2, 33-38, 46, 47.....	\$10,000.00	\$10,000.00
9	Melrose Water Bonds.....	Mch. 1, 1918	4	438-439, 450, 455-460...	9,000.00	9,522.00
34	Melrose Water Bonds.....	July 1, 1925	4	400, 403-408, 410-426, 428-437.....	34,000.00	36,028.00
1	Melrose School Bond.....	Feb. 24, 1916	4	1.....	1,000.00	1,000.00
3	Melrose Sewer Bonds.....	June 1, 1925	4	144, 145, 154.....	3,000.00	3,198.38
2	Melrose Sewer Bonds.....	June 1, 1937	4	361, 362.....	2,000.00	2,000.00
25	Melrose Surface Drainage Bonds	July 15, 1932	4	41-60, 76-80.....	25,000.00	27,175.50
	Note, City of Melrose.....	Sept. 26, 1913	4	.....	1,000.00	1,000.00
Cash	Note, City of Melrose (904.40)...	Dec. 26, 1913	4	.....	100.00	100.00
1	Town of Wellesley.....	Sept. 1, 1913	4	A14.....	1,000.00	1,000.00
1	Town of Middleborough.....	Nov. 1, 1915	4	47.....	1,000.00	1,000.00
1	City of Lynn.....	Dec. 1, 1914	4	3,097, Registered.....	1,000.00	1,000.00
1	City of Chicopee.....	Dec. 1, 1914	4	203.....	1,000.00	1,000.00
1	City of Lawrence.....	Dec. 1, 1914	4	86.....	1,000.00	1,000.00
1	City of Holyoke.....	Oct. 1, 1913	4	140.....	1,000.00	1,000.00
1	Fitchburg, R. R.....	May 1, 1914	4½	A7,871.....	1,000.00	1,000.00
1	Fitchburg, R. R.....	Mch. 1, 1915	4	9,228, 9,229.....	1,000.00	1,000.00
5	Fitchburg R. R.....	May 1, 1928	4½	C 2,367-2,369, 3,341- 3,342.....	2,000.00	2,000.00
1	N. Y. N. H. & Hartford R.R....	Feb. 1, 1914	4	662.....	5,000.00	5,285.00
1	Boston & Maine R. R.....	Apr. 1, 1929	4½	5,165.....	1,000.00	983.75
1	Boston & Lowell R. R.....	July 1, 1916	4	82.....	1,000.00	1,047.50
1/4	Boston & Lowell R. R.....	July 1, 1916	4	178.....	1,000.00	992.50
6-10	Portland Terminal.....	July 1961	4	M4, Registered.....	500.00	496.25
1	Baltimore & Ohio Ry., S. W. Div.	July 1925	3½	B43, Registered.....	600.00	550.50
2	Boston Elevated Ry.....	Nov. 1941	4½	2,199,35, Registered....	500.00	456.88
2	Boston Elevated Ry. (part 5,000 piece).....	Nov. 1941	4½	36, Registered.....	2,000.00	2,026.25
3	American Tel. & Tel.....	July 1929	4	6,049,65,020,73,800....	3,000.00	2,000.00
Cash	Melrose National Bank.....	.....	.....	.....	42.33	2,731.25
						42.33
					\$110,742.33	\$115,636.09

## SURFACE DRAINAGE FUND.

## Summary of Transactions 1912.

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*Receipts.*

Cash Balance on hand Jan. 1, 1912...		\$155.60
Bonds, Notes and Certificates of Deposit Sold and Matured.....	\$7,253.13	
Accrued Interest on Bonds sold....	51.13	
Coupons and Interest.....	1,084.52	
City of Melrose Appropriation for 1912.....	3,339.28	
City of Melrose, Premium received on Bonds sold.....	60.95	\$11,789.01
	<hr/>	<hr/>
		\$11,944.61

*Payments.*

Bonds, Notes and Certificates of Deposit bought.....	\$11,803.76	
Accrued Interest on Bonds bought..	91.25	
Coupon paid credited to wrong account.....	2.19	
Expenses. Safe Deposit Box and Scrap Book.....	5.25	\$11,902.45
	<hr/>	<hr/>
Balance to new account, on deposit in Melrose Nat. Bank....		\$42.16

## LIST OF SECURITIES BELONGING TO SURFACE DRAINAGE LOAN SINKING FUND, DEC. 31, 1912.

		Due	Rate P. C.	Numbers	Par Value	Book Value
4	Melrose Water Bond.....	Mch. 1, 1918	4	452-454, 462	\$4,000.00	\$4,232.00
3	Melrose Sewer Bond.....	July 1, 1937	4	369, 370, 380.....	3,000.00	3,000.00
1	Melrose Sewer Bonds.....	July 1, 1925	4	159.....	1,000.00	1,008.75
4	Melrose School Bonds.....	Feb. 24, 1916	4	4, 9, 122-124.....	4,000.00	4,006.25
4	Melrose Surface Drainage Bonds.	July 15, 1932	4	74, 75.....	2,000.00	2,167.80
1	Note City of Melrose.....	Dec. 26, 1913	4	1 year.....	700.00	700.00
1½	City of Malden.....	July 1, 1913	4	210.....	500.00	500.00
1	N. Y., N. H., & H. R. R.....	Feb. 1, 1914	4	1,043.....	1,000.00	1,000.00
1	Boston & Maine R. R.....	Apr. 1, 1929	4½	5, 170.....	1,000.00	1,047.50
1	Boston & Lowell R. R.....	Mch. 1, 1915	4	363.....	1,000.00	992.50
1	Fitchburg R. R.....	Mch. 1, 1915	4	A9, 230.....	1,000.00	1,000.00
2	Fitchburg R. R.....	May 1, 1928	4½	2,374, 3,854.....	2,000.00	2,000.00
1	Boston & Albany R. R.....	May 1, 1933	4	2,499.....	1,000.00	1,000.00
1	Baltimore & Ohio Ry.....	July 1, 1925	3½	B42.....	500.00	456.88
3	Boston Elevated Ry.....	Nov. 1, 1941	4½	43-45.....	3,000.00	3,000.00
3	West End St. Ry.....	Mch. 1, 1914	4½	1,575, 1,678, 1,679.....	3,000.00	3,000.00
1	American Tel. & Tel.....	July 1929	4	53,953.....	1,000.00	908.75
Cash	Melrose National Bank.....				42.16	42.16
					\$29,742.16	\$30,062.59

## TOWN HALL FUND.

## Summary of Transactions 1912.

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*Receipts.*

Cash Balance on hand Jan. 1, 1912...		\$94.85
Bonds, Notes and Certificates of Deposit Sold and Matured.....	\$104,000.00	
Accrued Interest on Bonds sold....	359.81	
Coupons and Interest.....	1,643.82	\$106,003.63
		<hr/>
		\$106,098.48

*Payments:*

Bonds, Notes and Certificates of Deposit bought.....	\$58,452.50	
Accrued Interest on Bonds bought..	485.44	
Expenses. Rent Safe Deposit Box..	5.00	
City of Melrose supplying funds to pay all Coupons of 1912 on Town Hall Bonds.....	1,800.00	
City of Melrose supplying funds to pay Matured Bonds.....	45,000.00	
Surplus of Fund after paying all outstanding Bonds transferred to School Fund.....	355.54	\$106,098.48
		<hr/>

All outstanding Bonds paid, and fund closed.



## SEWER FUND.

## Summary of Transactions 1912.

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*Receipts.*

Cash Balance on hand Jan. 1, 1912...		\$704.23
Bonds, Notes and Certificates of Deposit, Sold and Matured.....	\$45,900.00	
Accrued Interest on Bonds Sold....	361.71	
City of Melrose, Collected Sewer Assessments.....	\$3,480.86	
City of Melrose, Appropriation 1912.....	1,145.21	
City of Melrose, Premium on Bonds Sold.....	146.90	4,772.97
Coupons and Interest.....	8,876.12	\$59,910.80
		<hr/>
		\$60,615.03

*Payments.*

Bonds, Notes and Certificates bought	\$35,320.03	
Accrued Interest on Bonds bought...	248.37	
Expenses. Rent Safe Deposit Box and Scrap Book.....	25.25	
City of Melrose, Supplying funds to pay Maturing Bonds.....	25,000.00	\$60,593.65
	<hr/>	<hr/>
Balance to new account, on deposit in Melrose Nat. Bank....		\$21.38

## LIST OF SECURITIES BELONGING TO SEWER LOAN SINKING FUND, DECEMBER 31, 1912.

		Due	Rate P. C.	Numbers	Par Value	Book Value
10	Melrose Sewer .....	June 1, 1917	4	301-310.....	\$10,000.00	\$11,258.05
7	Melrose Sewer .....	June 1, 1924	4	2, 3, 10, 77, 88, 90, 97...	7,000.00	7,354.14
44	Melrose Sewer .....	June 1, 1925	4	101-143, 158.....	44,000.00	47,028.95
10	Melrose Sewer .....	July 1, 1935	4	351-360.....	10,000.00	10,915.00
7	Melrose Sewer .....	June 1, 1937	4	363-368, 379.....	7,000.00	7,000.00
37	Melrose Surface Drainage.....	July 15, 1932	4	4-40.....	37,000.00	40,418.80
15	Melrose Water.....	Oct. 1, 1913	4	3, 19-32.....	15,000.00	15,000.00
10	Melrose Water.....	Mch. 1, 1918	4	463-472.....	10,000.00	10,492.00
3	Melrose School.....	Feb. 24, 1916	4	96, 121, 142.....	3,000.00	3,000.00
1	Note City of Melrose.....	Dec. 26, 1913	4	.....	250.00	250.00
1	City of Waltham.....	Apr. 1, 1913	4	257.....	1,000.00	1,000.00
10	City of Syracuse, N. Y.....	July 1, 1913	4	41-50.....	10,000.00	10,000.00
5	City of Syracuse, N. Y.....	July 1, 1914	4	56-60.....	5,000.00	5,000.00
5	Town of Wellesley.....	Sept. 1, 1913	4	A15-19.....	5,000.00	5,000.00
1	Town of Wellesley.....	Mch. 1, 1914	4	A29.....	1,000.00	1,000.00
1	City of Chicopee.....	Dec. 1, 1914	4	204.....	1,000.00	1,000.00
1½	City of Minneapolis.....	July 2, 1913	4½	6, 1, 351.....	2,000.00	2,019.80
3	City of Malden.....	July 1, 1913	4	210.....	500.00	500.00
2	Chicago, Burl. & Quincy R.R....	July 1, 1949	3½	7,695-7,697.....	3,000.00	3,157.42
2	Boston & Albany R. R.....	Oct. 1, 1913	4	513 Registered, 303...	2,000.00	2,000.00
3	Boston & Albany R. R.....	May 1, 1933	4	2,492-2,494.....	3,000.00	2,977.50
4	N. Y., N. H. & H. R. R.....	Feb. 1, 1914	4	353, 663-665.....	4,000.00	3,951.25

Continued on next page.

## LIST OF SECURITIES BELONGING TO SEWER LOAN SINKING FUND, DECEMBER 31, 1912—Continued.

		Due	Rate P. C.	Numbers	Par Value	Book Value
3	Portland Terminal.....	July 1, 1961	4	M1-3.....	3,000.00	2,752.50
7	Fitchburg R. R.....	May 1, 1928	4½	2,370-2,371, 3,343-3,345 3,468-3,469.....	7,000.00	7,437.50
1	Worcester & Nashua R. R.....	Jan. 1, 1913	4	150.....	1,000.00	992.50
1	West End St. Ry.....	Mch. 1, 1914	4½	1,364.....	1,000.00	1,000.00
6	West End St. Ry.....	Aug. 1, 1915	4	2,527, 3,090-3,092, 3,103, 3,104.....	6,000.00	6,000.00
1	West End St. Ry.....	May 1, 1916	4	151.....	1,000.00	1,000.00
3	West End St. Ry.....	Feb. 1, 1917	4	1,734-1,736.....	3,000.00	2,973.75
3	Boston Elevated Ry.....	Nov. 1, 1941	4½	34, part of 36, 1, 5,000 piece.....	3,000.00	3,052.50
2	Boston Elevated Ry.....	Oct. 1, 1937	4½	100, 101.....	2,000.00	2,000.00
5	American Tel. & Tel.....	July 1, 1929	4	49,215-49,217, 21,946, 23,517.....	5,000.00	4,556.25
Cash	Melrose National Bank.....				21.38	21.38
					\$212,771.38	\$222,709.29

## SCHOOL FUND.

## Summary of Transactions 1912.

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*Receipts.*

Cash Balance on hand Jan. 1, 1912...		\$78.14
Bonds, Notes and Certificates of Deposit, Sold and Matured.....	\$37,221.25	
Accrued Interest on Bonds Sold....	123.54	
Coupons and Interest.....	6,392.84	
City of Melrose, Appropriation for 1912.....	6,518.83	
Town Hall Fund, balance remaining in Fund.....	355.54	\$50,612.00
	<hr/>	<hr/>
		\$50,690.14

*Payments.*

Bonds, Notes and Certificates of Deposit bought.....	\$50,283.28	
Accrued Interest on Bonds bought..	382.71	
Expenses. Rent Safe Deposit Box, Scrap Book.....	15.25	
Coupon paid credited to wrong account.....	2.19	\$50,683.43
	<hr/>	<hr/>
Balance to new account, on deposit in Melrose Nat. Bank....		\$6.71

## LIST OF SECURITIES BELONGING TO SCHOOL LOAN SINKING FUND, DECEMBER 31, 1912.

		Due	Rate P. C.	Numbers	Par Value	Book Value
12	Melrose Water Bonds.....	Mch. 1, 1918	4	440-449, 451, 461.....	\$12,000.00	\$12,522.00
1	Melrose Water Bonds.....	Oct. 1, 1913	4	49.....	1,000.00	1,000.00
6	Melrose Sewer.....	June 1, 1924	4	81-85.....	6,000.00	6,486.22
3	Melrose Sewer.....	June 1, 1925	4	155-157.....	3,000.00	3,026.25
8	Melrose Sewer.....	July 1, 1937	4	371-378.....	8,000.00	8,000.00
46	Melrose School.....	Feb. 24, 1916	4	2-5, 10, 14-16, 18-25, 92, 93, 97, 101, 106-110, 141, 143, 146-150, 154- 155, 167, 171-175, 192- 195, 183, 185.....		
36	Melrose Surface Drainage.....	July 15, 1932	4	1-3, 61-73, 81-100.....	46,000.00	46,002.43
1	Note City of Melrose.....	Feb. 11, 1913	4	2 years.....	36,000.00	37,330.70
1	Note City of Melrose.....	Dec. 9, 1913	4	4 years.....	1,910.00	1,910.00
1	Note City of Melrose.....	Dec. 9, 1914	4	5 years.....	1,000.00	1,000.00
1	Note City of Melrose.....	Sept. 12, 1913	4	1 year.....	1,000.00	1,000.00
1	Note City of Melrose.....	Sept. 12, 1914	4	2 years.....	1,000.00	1,000.00
1	Note City of Melrose.....	Dec. 26, 1913	4	1 year.....	804.40	804.40
Cash	Note City of Melrose (904.40)...	Dec. 26, 1913	4	132-141.....	10,000.00	10,000.00
10	Town of Clinton.....	July 1, 1930	3½	74.....	1,000.00	1,000.00
1	Marblehead.....	May 1, 1914	4	27.....	1,000.00	1,000.00
1	Reading.....	Oct. 1, 1913	4	354, 355, 449.....	3,000.00	2,983.75
3	N. Y., N. H. & H. R. R.....	Feb. 1, 1914	4	5,166-5,169, 5,171-5,174	8,000.00	8,380.00
8	Boston & Maine R. R.....	Apr. 1, 1929	4½			

Continued on next page.

## LIST OF SECURITIES BELONGING TO SCHOOL LOAN SINKING FUND, DECEMBER 31, 1912—Continued,

		Due	Rate P. C.	Numbers	Par Value	Book Value
1	Portland Terminal.....	July 1961	4	M7.....	1,000.00	917.50
4-10	Portland Terminal.....	July 1961	4	M4.....	400.00	367.00
1	Boston & Lowell R. R.....	1, 1915	4	364.....	1,000.00	996.25
4	Boston & Lowell R. R.....	1, 1915	4	184-187.....	4,000.00	3,970.00
1/2	Boston & Lowell R. R.....	June 1, 1916	4	178.....	500.00	496.25
1	Boston & Lowell R. R.....	Feb. 1, 1913	4	882.....	1,000.00	997.50
3	Fitchburg R. R.....	May 1, 1928	4 1/2	C2,372-2,373, 3,853.....	3,000.00	3,107.50
4	Boston & Albany R. R.....	May 1, 1933	4	2,495-2,498.....	4,000.00	3,970.00
1	Baltimore & Ohio Ry. Int Quart.	July 1925	3 1/2	1342.....	500.00	456.88
1	Boston Elevated Ry.....	May 1935	4	21.....	500.00	480.00
1	Boston Elevated Ry., \$5,000....	Nov. 1, 1941	4 1/2	39.....	5,000.00	5,000.00
1	West End St. Ry.....	Aug. 1, 1915	4	2,149.....	1,000.00	987.00
3	American Tele. & Tel.....	July 1929	4	2,1947, 73,901, 73,902.....	3,000.00	2,733.75
Cash	Melrose National Bank.....				6.71	6.71
					\$116,621.11	\$168,992.09



## **Report of the City Auditor of the City of Melrose**

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*To His Honor the Mayor and the Board of Aldermen:—*

Gentlemen:—I have the honor to submit herewith a statement of the receipts and expenditures of the City of Melrose, beginning on the first day of January, 1912, and ending of the financial year on the thirty-first day of December, 1912, with a detailed statement of each department, a statement of assets and liabilities, a table showing the funded debt, the dates on which the notes and bonds are payable, together with a schedule of the City property.

In accordance with the requirements of Chapter 322, Acts of 1904, I have examined the several trust funds, under the control of the trustees of the public library, and find proper vouchers for, and bank books showing balances as reported by them on pages 176 to 177 of their report.

Respectfully submitted,

EDWIN C. GOULD,

*City Auditor.*

City of Melrose, Auditor's Office.

## FINANCES.

The assessed valuation of the City, April 1, 1912, was:		
Real Estate.....		\$15,209,800.00
Personal estate including resident bank stock.....		2,213,000.00
		<hr/>
Total valuation.....		\$17,422,800.00
Increase in valuation from April 1, 1911 to April 1, 1912.....		\$525,175.00
Number of dwelling houses, April 1, 1912.....	3,564	
Number of assessed polls.....	4,596	
Population.....	16,241	
Rate of taxation per \$1,000, April 1, 1912, \$20.40, was divided as follows, viz:		
City Tax—.....	\$11.00	
County Tax.....	.59	
State Tax.....	1.29	
State Metropolitan Park Tax.....	.54	
State Metropolitan Sewer Tax.....	.90	
Charles River Basin Tax.....	.07	
Interest on Loans and Sinking Funds.....	5.30	
Overlays.....	.71	
		<hr/>
		\$20.40
Municipal and Permanent Debt, Dec. 31, 1911.....		\$79,171.86
<i>Increase:</i>		
Municipal.....	\$12,345.40	
Permanent.....	15,000.00	273,45.40
		<hr/>
		\$106,517.26
<i>Payments:</i>		
Municipal.....	\$22,700.00	
Permanent.....	22,461.86	45,161.86
		<hr/>
Debt Dec. 31, 1912.....		\$61,355.40
Decrease for the year.....		\$17,816.46

## CITY OF MELROSE, MUNICIPAL DEBT, DEC. 31, 1912.

## Municipal Debt Notes.

Notes due in 1913.....		\$12,345.40
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## Permanent Debt Notes.

Notes due in 1913.....	\$19,310.00	
“ “ “ 1914.....	11,900.00	
“ “ “ 1915.....	6,900.00	
“ “ “ 1916.....	5,900.00	
“ “ “ 1917.....	4,000.00	
“ “ “ 1918.....	1,000.00	\$49,010.00

Total Municipal and Permanent Debt, Dec. 31, 1912....		\$61,355.40
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## BONDED DEBT.

## Auditorium Bonds.

Melrose Auditorium Loan 1911, dated July 1, 1911, \$3,000 due each year to 1916. \$2,000 due each year 1917 to 1931 inclusive, at 4%.....		\$42,000.00
Melrose Park Loan 1911, due Nov. 1, 1913 to 1921, at 4%, 1 Bond \$1,500, due each year, 1913 to 1915 inclusive.....	\$4,500.00	
1 Bond \$1,000, due each year, 1916 to 1921 inclusive.....	6,000.00	
		\$10,500.00

## School House Bonds.

Melrose School House Loan, due Feb. 24, 1916, at 4%....	\$200,000.00	
Due Mch. 1, 1929, at 3½%....	78,000.00	
		\$278,000.00

**Sewer Bonds.**

## Melrose Sewer Loan:

Due June 1, 1917 at 4% . . . . .	\$50,000.00
June 1, 1924, at 4% . . . . .	100,000.00
June 1, 1925, at 4% . . . . .	100,000.00
June 1, 1926, at 4% . . . . .	50,000.00
July 1, 1935, at 4% . . . . .	10,000.00
June 2, 1937, at 4% . . . . .	10,000.00
July 1, 1937, at 4% . . . . .	10,000.00
June 1, 1938, at 4% . . . . .	10,000.00
June 1, 1939, at 4% . . . . .	10,000.00
April 1, 1940 at 4% . . . . .	10,000.00
May 1, 1941 at 4% . . . . .	5,000.00
Nov. 1, 1941, at 4% . . . . .	5,000.00
July 1, 1942, at 4% . . . . .	10,000.00

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 \$380,000.00
**Surface Drainage Bonds.**

## Melrose Surface Drainage Loan:

Due May 1, 1916 at 4% . . . . .	\$5,000.00
Nov. 1, 1916, at 4% . . . . .	5,000.00
July 1, 1917, at 4% . . . . .	5,000.00
Nov. 1, 1919, at 4% . . . . .	5,000.00
July 1, 1920, at 4% . . . . .	5,000.00
July 15, 1932, at 4% . . . . .	100,000.00

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 \$125,000.00
**Water Bonds.**

## Melrose Water Loan:

Due Oct. 1, 1913, at 4% . . . . .	\$5,000.00
Mch. 1, 1918, at 4% . . . . .	35,000.00
Aug. 1, 1922, at 4% . . . . .	10,000.00
Feb. 1, 1923, at 4% . . . . .	5,000.00
July 1, 1925, at 4% . . . . .	38,000.00
May 1, 1913 to 1916, at 4%, \$1,000 each year . . .	4,000.00
May 1, 1913 to 1920, at 4%, \$1,000 each year . . .	8,000.00
July 1, 1913 to 1922, at 4%, \$1,000 each year . . .	10,000.00

June 1, 1913 to 1932, at 3½%, \$2,000 each year to 1931.....	39,000.00
Nov. 1, 1913 to 1916, at 4%, \$1,000 each year..	4,000.00

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\$203,000.00

Total Bonded Debt..... \$1,038,500.00

**Sinking Funds.**

School House Loan.....	\$168,992.09
Sewer Loan.....	222,709.29
Surface Drainage Loan.....	30,062.59
Water Loan.....	115,636.09
Water Premium.....	146.90

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\$537,546.96

Total Net Bonded Debt... \$500,953.04

**Recapitulation of City Debt.**

Municipal and Permanent Notes.	\$61,355.40
Net Bonded Debt.....	500,953.04

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\$562,308.44

Total Debt, Dec. 31, 1911.... \$598,771.38  
Decrease..... \$36,462.94

**Debt Statement.**

Total Debt, Dec. 31, 1911.....	\$598,771.38
Decrease.....	36,462.94
Total Debt, Dec. 31, 1912...	<hr/>

\$562,308.44

Decrease in  
Municipal and Permanent Debt \$17,816.46

**Bonds paid:**

Auditorium.....	\$3,000.00
Park.....	1,500.00
Sewer.....	25,000.00
Town Hall.....	45,000.00
Water.....	67,000.00

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\$141,500.00

Less Sinking Funds..... 97,853.52

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\$43,646.48

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\$61,462.94

## Increase:

Sewer Bonds.....	\$10,000.00	
Surface Drainage Bonds....	5,000.00	
Water Bonds.....	10,000.00	\$25,000.00
		<hr/>
Net Decrease.....		\$36,462.94

**CASH ACCOUNT FOR 1912.**

Cash on hand Dec. 31, 1911..... \$45,863.45

**Receipts.**

For details see Trea'r's Report...	1,004,509.09	
	<hr/>	\$1,050,372.54
Payments.....		1,027,406.43
		<hr/>
Cash on hand Dec. 31, 1912.....		\$22,966.11

**Treasury.**

Balance on hand Dec. 31, 1911..... \$29.68

**Receipts.**

Sealer of Weights & Measures....	\$57.23	
Joseph Edwards, sale of old material.....	6.00	
Joseph Edwards, sale of manure	20.00	
Joseph Edwards, sale of old hose.	77.00	
Joseph Edwards, sale of old horse	150.00	
Soldiers' Relief.....	10.50	
Park Com., sale of grass.....	5.00	
Licenses. All others. Balance transferred.....	39.00	
Sundry Balances Transferred...	5,578.50	
Sundry Betterments Transferred.	811.98	
	<hr/>	6,755.21

**Expended.**

## Transferred to:

Street Sprinkling other than Water, order No. 6977.....	\$438.30
Forestry, Gypsy & Brown Tail	



Moth, Order No. 7226.....	192.50	
Election and Registration, Salaries.....	15.22	
Fire Alarm Boxes. Order No. 6830.....	75.00	
Street Lighting. Order No. 7242.....	34.88	
Sealer of Weights & Measures. Order No. 7,041.....	10.00	
Special Com. on High School. Order No. 7335.....	54.35	
Claims. C. T. Davis. Order No. 7361.....	175.00	
Police Dept., Salaries. Order No. 7365a.....	200.00	
Claims. J. H. Laskey. Order No. 7415.....	75.00	
Claims. Florence Meredith. Order No. 7430.....	571.41	
Water Maintenance. Order No. 7410.....	3,795.32	
Claims. C. E. Hallahan. Order No. 7563.....	300.00	
Fire Alarm Maintenance. Order No. 7574.....	100.00	
Portraits Board of Aldermen. Order No. 7565.....	60.00	
Soldiers' Relief. Order No. 7604.	250.00	
Aldermen. Other Expenses. Order No. 7613.....	25.00	
Portrait. Chas. E. French. Order No. 7618.....	50.00	
Permanent Debt, Water. Order No. 7584.....	81.80	
Permanent Debt, Auditorium. Order No. 7584.....	70.00	
Claim. H. E. Brackett. Order No. 7599.....	350.00	
Balance to 1913.....		138.89
	<u>\$6,923.78</u>	<u>\$6,923.78</u>

**LEDGER BALANCES AS DEC. 31, 1912.**

Cash on hand.....	\$22,966.11	
Taxes Uncollected.....	206,019.57	
Tax Takings.....	6,007.93	
Tax Titles.....	134.43	
Real Estate taken by City.....	2,968.12	
Sewer Assessment Takings.....	471.76	
Tax Overlays.....		\$16,183.06
Bank & Corporation Tax.....	7,364.57	
Licenses. All others.....		114.00
Permits. All others.....		7.50

**Assessments.**

Gypsy & Brown Tail Moth.....		317.68
Sewer.....	10,154.02	
Sewer Assessment Fund.....		11,140.75
Sidewalks.....		3,451.82
Street Sprinkling.....		7,622.09
Florence Avenue.....	126.81	
Florence Avenue Fund.....		126.81
Goss Avenue.....	684.51	
Goss Avenue Fund.....		1,075.51
South Avenue.....	169.78	
South Avenue Fund.....		169.78
Melrose Street Extension.....	370.09	
Melrose Street Ex. Fund.....		370.09
Forest Street.....	315.44	
Forest Street Fund.....		315.44
Morgan Street.....	975.77	
Morgan Street Fund.....		975.77

**Departmental.**

Aldermen. Other Expenses....	\$8.55
Committee on High School In- vestigation.....	.01
Mayor. Salaries and Wages....	6.34
Mayor. Other Expenses.....	3.56
Auditor. Other Expenses.....	13.72
Treasurer. Other Expenses....	35.21
Certification of Bonds and	

## AUDITOR'S REPORT

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Notes.....	22.27
Collector. Salaries and Wages..	3.36
Collector. Other Expenses....	2.54
Collector. Receipts.....	151.79
City Clerk. Receipts.....	13.20
City Solicitor. Other Expenses..	9.73
Election and Registration. Sal- aries and Wages.....	72.06
Election and Registration. Other Expenses.....	35.44
Engineering. Salaries and Wages	571.66
Engineering. Other Expenses...	18.35

**Municipal Buildings.**

City Hall. Salaries and Wages..	\$28.57
City Hall. Other Expenses....	48.55
City Hall. Receipts.....	62.00
Auditorium, Building.....	15,519.25

**Police Department.**

Salaries and Wages.....	307.54
Horses and Care of Same.....	28.05
Equipment and Repairs.....	9.83
Other Expenses.....	22.77

**Fire Department.**

Salaries and Wages.....	35.05
Horses and Care of Same.....	1.09
Fuel and Lights.....	8.37
Equipment and Repairs.....	7.53
Fire Alarm Maintenance.....	3.43
Repairs on Buildings.....	7.94
Other Expenses.....	1.25

**Inspection.**

Inspection of Wires.....	.16
Sealing of Weights & Measures..	91.45

**Forestry.**

Gypsy & Brown Tail Moth.....	11.15
Other Insect Pests.....	5.00

**Health Department.**

General Administration.....	60.25
Quarantine and Contagious Diseases.....	326.25
Tuberculosis.....	80.00
Vital Statistics.....	55.25
Other Expenses.....	4.04
Receipts.....	.06

**Sanitation.**

Sewer Maintenance and Operation.....	20.21
Sewer Construction.....	6,782.06
Private Sewers.....	96.21
Surface Drainage Maintenance...	200.16
Surface Drainage Construction...	120.53
Refuse and Garbage Disposal...	3.32
Collection of Ashes and Rubbish...	228.27
Street Cleaning.....	.12
Cleaning Spot Pond, Ell Pond, and Bennett Pond Brooks....	72.28

**Highways.**

Repairing.....	1,413.13
Sidewalk and Curbing, Continuous.....	263.61
Sidewalk and Curbing, Individual.....	368.80
Sidewalk and Curbing, Repairs..	22.01
Stone Bounds.....	53.88
Street Sprinkling.....	11,133.61
Street Lighting.....	2.07
Street Signs and Numberings...	10.58
Franklin Street.....	24.16
Goss Avenue.....	388.50
Swain's Pond Avenue.....	28.52
Sargent Street.....	35.89
Norwell Road.....	156.78
Florence Street.....	273.22
Boardman Avenue.....	182.88

Melrose Street.....	173.51
Warwick Road.....	170.08
East Wyoming Avenue.....	156.73
Newburyport Turnpike.....	8.97
Perkins Street.....	1.87

**Charities.**

General Administration.....	15.91
Almshouse.....	2.52
Outside Relief by City.....	30.94
Relief by other Cities & Towns..	55.35
Receipts from other Cities and Towns.....	6.06

**SOLDIERS' BENEFITS.**

Commonwealth of Mass.....	2,958.00	
Military Aid.....		126.00
Soldiers' Relief.....		193.58

**Education—School Department.**

Other General Expenses.....	2.57
Text Books and Supplies.....	2.88
Tuition.....	71.20
Transportation.....	85.75
Fuel and Lights.....	9.81
Maintenance of Buildings and Grounds.....	2.78
Furniture and Furnishings.....	5.03
Other Expenses.....	.97
Construction inside Curb, Upham Street.....	600.00
School Dept. Receipts.....	597.14

**Libraries.**

Salaries and Wages.....	1.50
Books and Periodicals.....	1.97
Binding.....	3.62
Other Expenses.....	37.32

**Recreation.**

General Administration. Sal-	
aries and Wages.....	25.00
General Administration. Other	
Expenses.....	48.18
Parks. Other Expenses.....	1.13
Ell Pond Park Development.....	7.48
Purchase and Grading Land....	688.17

**Celebrations.**

Memorial Day.....	.05
All Others.....	4.00

**Unclassified.**

Damage to Persons and Prop-	
erty.....	350.00
Ice for Drinking Fountain.....	20.00
Insurance.....	119.25
Portraits.....	110.00

**Public Service Enterprises.**

Water Maintenance.....	179.35
Water Construction.....	1,186.18
Water Inside Service.....	78.25
Water, Income Fund.....	8,167.03
Public Scales.....	31.01

**Cemeteries.**

Maintenance and Improvement	8,044.97
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**Interest.**

Interest.....	5,363.84
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**Municipal Indebtedness.**

Temporary Loans.....	178,900.00
Municipal Loans.....	12,345.40
Municipal Debt.....	11,995.40
Permanent Loans.....	49,010.00
Permanent Debt.....	504,492.72
Water Debt.....	203,000.00
Sewer Debt.....	380,000.00



**Bonds.**

Auditorium Loan.....	42,000.00
Park Loan.....	105,00.00
Sewer Loan.....	380,000.00
Surface Drainage Loan.....	125,000.00
School Loan.....	278,000.00
Water Loan.....	203,000.00
Water Loan Premium Fund....	146.90

**Reserve Fund.**

(Unpaid Warrants).....	500.23
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**Cemetery Trust Fund.**

Investment Account.....	1,691.00
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**Sinking Funds.**

Water Loan Fund.....	115,636.09
Water Loan Fund Commissioners	115,636.09
Sewer Loan Fund.....	222,709.29
Sewer Loan Fund Commissioners	222,709.29
School Loan Fund.....	168,992.09
School Loan Fund Commissioners	168,992.09
Surface Drainage Loan Fund....	30,062.59
Surface Drainage Loan Fund Commissioners.....	30,062.59

**Agency, Trusts and Investments.**

Treasury.....	138.89	
Cemetery Trust Fund.....		28,651.50
E. Toothacker Fund.....		1,364.80
Ambulance Fund.....		3.11
Pay Roll Tailings.....		186.65
Melrose Sewerage System.....	395,020.24	
Melrose Sewerage System Con- struction Account.....		395,020.24
Melrose Water System.....	258,284.68	
Melrose Water System Con- struction Account.....		258,284.68

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\$2,581,127.57	\$2,581,127.57
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## ASSETS AND LIABILITIES.

## Assets.

To amount invested in land, buildings, parks and other property.....	\$1,036,688.62
To amount invested in Sinking Funds.....	537,400.06
To amount invested in Sewer System.....	443,771.52
To amount invested in Surface Drainage.....	153,589.66
To amount invested in Water System.....	428,820.20

## Liabilities.

## Municipal Indebtedness:

Bonds.....	\$1,038,500.00
Notes.....	61,355.40
Trust Funds.....	30,206.06

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1,130,061.46

Assets exceed Liabilities.....

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1,470,355.50

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\$2,600,416.96    \$2,600,416.96

## **Assessments**

### **BROWN TAIL AND GYPSY MOTH.**

Balance Dec. 31, 1911.....		\$203.51
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#### **Receipts.**

Cash collected.....		514.17
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#### **Expended.**

Transferred to Brown Tail and Gypsy Moth Extermination...	\$400.00	
Balance to 1913.....	317.68	
	\$717.68	\$717.68

#### **Sewer.**

Balance from 1911.....		\$811.46
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#### **Receipts.**

Cash collected.....		3,129.41
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#### **Expended.**

Cash paid Sewer Sinking Fund Commissioners.....	\$3,480.86	
Balance to 1913.....	460.01	
	\$3,940.87	\$3,940.87

### **BETTERMENTS.**

#### **Melrose Street Extension.**

Uncollected Dec. 31, 1911.....		\$380.92
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#### **Receipts.**

Cash collected.....	\$10.83	
Uncollected Dec. 31, 1912.....	370.09	
	\$380.92	\$380.92

#### **South Avenue.**

Uncollected Dec. 31, 1911.....		\$223.38
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## CITY OF MELROSE

**Receipts.**

Cash collected.....	\$53.60	
Uncollected Dec. 31, 1912.....	169.78	
	<hr/>	<hr/>
	\$223.38	\$223.38

**Forest Street.**

Uncollected Dec. 31, 1911.....		\$565.90
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**Receipts.**

Cash collected.....	\$250.46	
Uncollected Dec. 31, 1912.....	315.44	
	<hr/>	<hr/>
	\$565.90	\$565.90

**Morgan Street.**

Uncollected Dec. 31, 1911.....		\$1,103.64
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**Receipts.**

Cash collected.....	\$127.87	
Uncollected Dec. 31, 1912.....	975.77	
	<hr/>	<hr/>
	\$1,103.64	\$1,103.64

**Florence Avenue.**

Uncollected Dec. 31, 1911.....		\$128.92
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**Receipts.**

Cash collected.....	\$2.16	
Uncollected Dec. 31, 1912.....	126.81	
	<hr/>	<hr/>
	\$128.97	\$128.97

**Goss Avenue.**

Uncollected Dec. 31, 1911.....		\$911.86
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**Receipts.**

Cash collected.....	\$227.35	
Uncollected Dec. 31, 1912.....	684.51	
	<hr/>	<hr/>
	\$911.86	\$911.86

**BANK AND CORPORATION TAX.****Receipts.**

Commonwealth of Mass., Bank Tax.....	\$1,933.35
Commonwealth of Mass., Cor- poration Tax.....	19,077.07
Commonwealth of Mass., Public Service Tax.....	2,977.28
Commonwealth of Mass., Street Railway Tax.....	2,572.33
James W. Murray, Collector, Town Resident Bank Tax...	1,000.62
	<hr/>
	\$27,560.65

**Expended.**

Commonwealth of Mass., Bank Tax.....	\$1,014.85	
Transferred to Sundry Accounts per Budget.....	28,000.00	
Transferred to Taxes of 1910....	1,508.16	
Transferred to Taxes of 1911....	1,829.88	
Transferred to Highway Re- pairing.....	2,572.33	
Overdraft to 1913.....		\$7,364.57
	<hr/>	<hr/>
	\$34,925.22	\$34,925.22

**COMMONWEALTH OF MASSACHUSETTS.****Receipts.**

From Treasurer and Receiver	
General.....	\$3,446.00

**Expended.**

Overdraft of 1911.....	\$3,446.00	
Transferred to State Aid.....	2,854.00	
Transferred to Military Aid.....	30.00	
Transferred to Soldiers' Burial..	74.00	
Overdraft to 1913.....		\$2,958.00
	<hr/>	<hr/>
	\$6,404.00	\$6 404.00

**PRIVILIGES—PUBLIC SERVICE.****Receipts.**

Bay State Street Railway Excise	
Tax.....	\$2,216.03

**Expended.**

Transferred to Highway Re-	
pairing.....	\$2,216.03
	<hr/>
	\$2,216.03
	<hr/>
	\$2,216. 03

## Departmental General Government

**ALDERMEN—SALARIES AND WAGES.****Receipts.**

Appropriation.....	\$600.00
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**Expended.**

Clerk of Committees.....	\$600.00	
	<hr/>	<hr/>
	\$600.00	\$600.00



## OTHER EXPENSES.

## Receipts.

Balance from 1911.....	.59
Appropriation.....	300.00
Transferred from Treasury.....	25.00

## Expended.

Bills paid. Inaugural and carriage Hire.....	\$103.50	
Books and Stationery.....	62.25	
Printing Particular Account....	43.25	
Advertising, Postage, Printing and posting Notices.....	69.62	
Miscellaneous.....	37.83	
Transferred to Treasury.....	.59	
Balance to 1913.....	8.55	
	<hr/>	<hr/>
	\$325.59	\$325.59

## COMMITTEE ON HIGH SCHOOL INVESTIGATION.

## Receipts.

Balance from 1911.....	\$7.62
Transferred from Treasury.....	54.35

## Expended.

Bills paid. Service of Stenographer.....	\$61.96	
Balance to 1913.....	.01	
	<hr/>	<hr/>
	\$61.97	\$61.97

## MAYOR—SALARIES AND WAGES.

## Receipts.

Balance from 1911.....	\$6.30
Appropriation.....	1,300.00

**Expended.**

Salary of Mayor.....	\$1,000.00	
Salary of Clerk.....	293.66	
Transferred to Treasury.....	6.30	
Balance to 1913.....	6.34	
	<hr/>	<hr/>
	\$1,306.30	\$1,306.30

**MAYOR—OTHER EXPENSES.****Receipts.**

Balance from 1911.....	\$41.67
Appropriation.....	140.00

**Expended.**

Printing Inaugural.....	\$30.00	
Stationery, Printing and Postage.	28.90	
Telephone Service.....	41.97	
Miscellaneous.....	35.57	
Transferred to Treasury.....	41.67	
Balance to 1913.....	3.56	
	<hr/>	<hr/>
	\$181.67	181.67

**AUDITOR—SALARIES AND WAGES.****Receipts.**

Appropriation.....	\$500.00
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**Expended.**

Salary.....	\$500.00	
	<hr/>	<hr/>
	\$500.00	\$500.00

**AUDITOR—OTHER EXPENSES.****Receipts.**

Balance from 1911.....	\$3.88
Appropriation.....	60.00

**Expended.**

Books and Stationery.....	\$35.40	
Postage and Printing.....	7.00	
Miscellaneous.....	3.88	
Transferred to Treasury.....	3.88	
Balance to 1913.....	13.72	
	<hr/>	<hr/>
	\$63.88	\$63.88

**TREASURER—SALARIES AND WAGES.****Receipts.**

Balance from 1911.....	\$115.00
Appropriation.....	1,920.00

**Expended.**

Salary of Treasurer.....	\$1,200.00	
Salary of Clerk.....	720.00	
Transferred to Treasury.....	115.00	
	<hr/>	<hr/>
	\$2,035.00	\$2,035.00

**TREASURER—OTHER EXPENSES.****Receipts.**

Balance from 1911.....	\$33.94
Appropriation.....	390.00

**Expended.**

Official Bond.....	\$120.00	
Carriage Hire, Pay Days.....	41.00	
Stationery, Printing, Postage, and Telephone.....	127.02	
Furniture and Repairing.....	37.45	
Miscellaneous.....	29.32	
Transferred to Treasury.....	33.94	
Balance to 1913.....	35.21	
	<hr/>	<hr/>
	\$423.94	\$423.94

**COLLECTOR—SALARIES AND WAGES.****Receipts,**

Transfer from other expenses...	149.83
Appropriation.....	1,900.00
Transfer from Receipts.....	175.00

**Expended.**

Salary of Collector.....	\$1,000.00	
Salary of Clerk.....	1,164.97	
Overdraft of 1911.....	56.50	
Balance to 1913.....	3.36	
	<hr/>	<hr/>
	\$2,224.83	\$2,224.83

**COLLECTOR—OTHER EXPENSES.****Receipts.**

Balance from 1911.....	\$84.52
Cash collected.....	407.52
Appropriation.....	390.00
Transfer from Receipts.....	1,299.83

**Expended.**

Official Bond.....	\$125.00	
Advertising.....	253.50	
Attorney, preparing Notices of Takings and Deeds.....	646.00	
Distributing Tax Bills.....	60.00	
Recording Takings.....	174.90	
Stationery, Printing, Postage, Etc.....	259.02	
Telephone.....	19.04	
Transfer to Salaries and Wages	149.83	
Transfer to Coll., Receipts.....	492.04	
Balance to 1913.....	2.54	
	<hr/>	<hr/>
	\$2,181.87	\$2,181.87

**COLLECTOR'S RECEIPTS.**

Transfer from other expenses...	\$84.52
Cash collected.....	1,555.56

**Expended.**

Transfer to other expenses.....	\$149.83	
Transfer to other expenses per Budget.....	1,000.00	
Transfer to other expenses.....	150.00	
Transfer to Salaries & Wages...	175.00	
Refund' to A. J. Gaspey.....	13.46	
Balance to 1913.....	151.79	
	<hr/>	<hr/>
	\$1,640.08	\$1,640.08

**ASSESSORS—SALARIES AND WAGES.****Receipts.**

Appropriation.....	\$2,050.00
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**Expended.**

Salaries, Assessors and Assistant Assessors.....	\$1,050.00	
Salary, Clerk.....	1,000.00	
	<hr/>	<hr/>
	\$2,050.00	\$2,050.00

**ASSESSORS—OTHER EXPENSES.****Receipts.**

Balance from 1911.....	\$14.19
Appropriation.....	700.00

**Expended.**

Books, Stationery, Printing and Binding.....	\$362.23	
Abstracts of Deeds and Transfers.....	120.15	
Copying.....	69.50	
Postage, Car Fares and Carriages.....	104.63	
Telephone and Posting Notices..	26.29	
Miscellaneous.....	17.20	
Transfer to Treasury.....	14.19	
	<hr/>	<hr/>
	\$714.19	\$714.19

**CERTIFICATION OF BONDS AND NOTES.****Receipts.**

Balance from 1911.....	\$218.00
Appropriation.....	365.00
Receipts from Premiums.....	200.00

**Expended.**

Old Colony Trust Co. for Certification.....	\$542.73	
Transfer to Treasury.....	218.00	
Balance to 1913.....	22.27	
	<hr/>	<hr/>
	\$783.00	\$783.00

**CITY CLERKS—SALARIES AND WAGES.****Receipts.**

Appropriation.....	\$1,800.00
--------------------	------------

**Expended.**

Salary City Clerk.....	\$1,200.00	
Salary Asst. City Clerk.....	600.00	
	<hr/>	<hr/>
	\$1,800.00	\$1,800.00



**CITY CLERKS—OTHER EXPENSES.****Receipts.**

Balance from 1911.....	\$47.05
Transfer from City Clerk's Re- ceipts per Budget.....	225.00
Transfer from Park Department.	10.00

**Expended.**

Bond.....	\$5.00	
Stationery, Postage, Printing, and Car Fares.....	160.24	
Telephone.....	69.76	
Transfer to Treasury.....	47.05	
	<hr/>	<hr/>
	\$282.05	\$282.05

**CITY CLERKS—RECEIPTS.**

From Marriage Permits.....	\$164.00
From Licenses.....	206.25
From Miscellaneous Fees.....	92.95

**Expended.**

Transfer to City Clerk's, other Expenses.....	\$225.00	
Transfer to Vital Statistics....	225.00	
Balance to 1913.....	13.20	
	<hr/>	<hr/>
	\$463.20	\$463.20

**LAW—SALARIES AND WAGES.****Receipts.**

Appropriation.....	\$800.00
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**Expended.**

Salary of City Solicitor.....	\$800.00	
	<hr/>	<hr/>
	\$800.00	\$800.00

**LAW—OTHER EXPENSES.****Receipts.**

Balance from 1911.....	\$16.50
Appropriation.....	25.00

**Expended.**

Stationery.....	\$7.00	
Express, Car Fares and Telephone.....	8.27	
Transfer to Treasury.....	16.50	
Balance to 1913.....	9.73	
	<hr/>	<hr/>
	\$41.50	\$41.50

**ELECTION AND REGISTRATION—SALARIES  
AND WAGES.****Receipts.**

Appropriation.....	\$832.00
Transfer from Treasury.....	15.22
Transfer from other expenses...	83.50
Proceeds of Note.....	700.00

**Expended.**

Overdraft of 1911.....	\$15.22	
Salaries of Registrars.....	300.00	
Salaries of Election Officers....	1,117.00	
Salaries of Special Police Officers..	107.17	
Wages of Janitors. Cleaning Booths, etc.....	163.39	
Overdraft to 1913.....		\$72.06
	<hr/>	<hr/>
	\$1,702.78	\$1,702.78

**ELECTIONS AND REGISTRATION—OTHER EXPENSES.****Receipts.**

Balance from 1911.....	\$29.75
Appropriation.....	968.00

**Expended.**

Stationery and Postage.....	\$79.69	
Advertising and Printing.....	494.15	
Clerical Services and Labor.....	50.10	
Rent.....	200.00	
Fuel and Lights.....	18.02	
Meals.....	7.10	
Transfer to Treasury.....	29.75	
Transfer to Salaries and Wages..	83.50	
Balance to 1913.....	35.44	
	<hr/>	<hr/>
	\$997.75	\$977.75

**PUBLIC WORKS OFFICE—SALARIES AND WAGES.****Receipts.**

Appropriation.....	\$2,650.00
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**Expended.**

Salary of Engineer and Supt. of Public Works.....	\$2,000.00	
Salary of Clerk.....	650.00	
	<hr/>	<hr/>
	\$2,650.00	\$2,650.00

**PUBLIC WORKS OFFICE—OTHER EXPENSES.****Receipts.**

Appropriation.....	\$650.00
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**Expended.**

Official Bond of Supt.....	\$8.00	
Printing, Stationery, and Office Supplies.....	177.30	
Postage and Box Rent.....	16.77	
Telephone.....	31.76	
Miscellaneous.....	14.51	
Board and Care of Horse and Buggy, and repairs to Horse and Buggy.....	401.66	
	<hr/>	<hr/>
	\$650.00	\$650.00

**ENGINEERING—SALARIES AND WAGES.****Receipts.**

Balance from 1911.....	\$25.62
Appropriation.....	2,500.00
Transfer from Water Fund.....	500.00
Transfer from Ell Pond Park Development.....	44.25

**Expended.**

Pay Rolls.....	\$2,472.59	
Transfer to Treasury.....	25.62	
Balance to 1913.....	571.66	
	<hr/>	<hr/>
	\$3,069.87	\$3,069.87

**ENGINEERING—OTHER EXPENSES.****Receipts.**

Balance from 1911.....	\$1.16
Appropriation.....	325.00
Transfer from Ell Pond, Acquiring and Grading.....	7.23

**Expended.**

Stationery and Printing.....	\$20.57	
Supplies and Repairs.....	123.41	
Horse Hire.....	132.00	
Miscellaneous.....	37.90	
Transfer to Treasury.....	1.16	
Balance to 1913.....	18.35	
	<hr/>	<hr/>
	\$333.39	\$333.39

**CITY HALL—SALARIES AND WAGES.****Receipts.**

Balance from 1911.....	\$40.03
Appropriation.....	1,400.00

**Expended.**

Salaries, Janitor Service.....	\$1,371.43	
Transfer to Treasury.....	40.03	
Balance to 1913.....	28.57	
	<hr/>	<hr/>
	\$1,440.03	\$1,440.03

**CITY HALL—OTHER EXPENSES.****Receipts.**

Balance from 1911.....	\$21.11
Appropriation.....	50.00
Receipts as per Budget.....	1,950.00
Transfer from Street Lighting...	112.79

**Expended.**

Fuel and Light.....	\$1,723.90	
Janitors' Supplies.....	55.10	
Furniture, Furnishings and Re- pairs.....	65.02	
Purchase and Installing Bubbler and Ice Fountain.....	127.85	
Moving and Tuning Piano.....	38.00	
Miscellaneous.....	57.08	
Transfer to Treasury.....	18.40	
Balance to 1913.....	48.55	
	<hr/>	<hr/>
	\$2,133.90	\$2,133.90

**CITY HALL—RECEIPTS.**

Cash collections, Geo. O. W. Servis.....	\$530.00
Cash Collections, Geo. W. Wood.	1,482.00

**Expended.**

Transfer to City Hall, Other Expenses.....	\$1,950.00	
Balance to 1913.....	62.00	
	<hr/>	<hr/>
	\$2,012.00	\$2,012.00

**MELROSE AUDITORIUM AND MEMORIAL BUILDING  
CONSTRUCTION.**

**Receipts.**

Balance from 1911.....	\$47,734.21
Cash from Individual Sub- scriptions.....	16,000.00
Proceeds of Notes.....	5,000.00



**Expended.**

Geo. F. Newton, Architect . . . . .	\$2,000.00	
MacDonald & Joslin Co., Construction . . . . .	45,103.76	
Albert B. Franklin, Heating and Ventilating . . . . .	4,292.50	
Irving L. Matson, Electric Wiring . . . . .	950.00	
Thomas C. Murphy, Lighting Fixtures . . . . .	809.00	
Edwin O. Childs, Recording Deeds . . . . .	3.25	
Advertising, Inspection, etc. . . . .	56.45	
Balance to 1913 . . . . .	15,519.25	
	<hr/>	
	\$68,734.21	\$68,734.21

## Protection of Life and Property

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**POLICE DEPARTMENT—SALARIES AND WAGES.****Receipts.**

Appropriation . . . . .	\$16,796.80
Transfer from Treasury . . . . .	200.00

**Expended.**

Pay Rolls . . . . .	\$16,589.26	
Transfer to other expenses . . . . .	100.00	
Balance to 1913 . . . . .	307.54	
	<hr/>	
	\$16,996.80	\$16,996.80

**Horses and Care of Same.****Receipts.**

Balance from 1911 . . . . .	\$34.00
Appropriation . . . . .	425.00

**Expended.**

Board and Hire.....	\$357.55	
Shoeing.....	29.15	
Veterinary.....	10.25	
Transfer to other expenses.....	34.00	
Balance to 1913.....	28.05	
	<hr/>	<hr/>
	\$459.00	\$459.00

**Equipment and Repairs.****Receipts.**

Balance from 1912.....	\$25.98
Appropriation.....	200.00

**Expended.**

Equipment for Men.....	\$45.21	
Repairs on vehicles and harnesses	18.95	
Purchase of Concord Buggy.....	105.00	
Miscellaneous, Advertising, Post- age, etc.....	21.01	
Transfer to other expenses.....	7.48	
Transfer to Treasury.....	18.50	
Balance to 1913.....	9.83	
	<hr/>	<hr/>
	\$225.98	\$225.98

**POLICE DEPARTMENT—AMBULANCE FUND.****Receipts.**

Balance from 1911.....	\$3.01
For use of Ambulance.....	19.00

**Expended.**

Horse Hire.....	\$8.00	
Repairs to Ambulance.....	10.90	
Balance to 1913.....	3.11	
	<hr/>	<hr/>
	\$22.01	\$22.01

**Other Expenses.****Receipts.**

Balance from 1911.....	\$9.27
Appropriation.....	100.00
From Court Fines.....	80.78
Transfer from Horses and Care of Same.....	34.00
Transfer from Equipment and Repairs.....	7.48
Transfer from Salaries and Wages	100.00

**Expended.**

Printing, Stationery, Postage and Supplies.....	\$102.35	
Meals and Medical attendance for Prisoners.....	27.92	
Telephone.....	141.24	
Miscellaneous.....	37.25	
Balance.....	22.77	
	<hr/>	<hr/>
	\$331.53	\$331.53

**Special Police Signal Boxes.**

Balance from 1911.....	\$810.00
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**Expended.**

Gamewell Fire Alarm Telegraph Company. Balance due on Contract.....	\$810.00	
	<hr/>	<hr/>
	\$810.00	\$810.00

**Police Department—Receipts.**

From City of Malden for services of officers during Carnival Week.....	\$34.35
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**Expended.**

Pay Rolls.....	\$34.35	
	<hr/>	<hr/>
	\$34.35	\$34.35

**Fire Department—Salaries and Wages.****Receipts.**

Balance from 1911.....	\$90.95
Appropriation.....	13,139.60

**Expended.**

Pay Rolls.....	\$12,412.77	
Transfer to Equipment and Re- pairs.....	105.40	
Transfer to Horses and Care of Same.....	300.00	
Transfer to Fuel and Lights.....	145.90	
Transfer to Repairs on Buildings..	50.00	
Transfer to other expenses.....	181.43	
Balance to 1913.....	35.05	
	<hr/>	<hr/>
	\$13,230.55	\$13,230.55

**Fire Department—Horses and Care of Same.****Receipts.**

Balance from 1911.....	\$27.02
Appropriation.....	1,775.00
Transfer from Salaries and Wages	300.00

**Expended.**

Hay, Grain, etc.....	\$1,757.64	
Shoeing.....	302.60	
Veterinary.....	13.67	
Transfer to Treasury.....	27.02	
Balance to 1913.....	1.09	
	<hr/>	<hr/>
	\$2,102.02	\$2,102.02

**Fuel and Lights.****Receipts.**

Balance from 1911.....	.25
Appropriation.....	550.00
Transfer from Salaries and Wages	145.90

**Expended.**

Coal and Wood.....	\$468.65	
Electric and Gas Light.....	146.94	
Gasoline and Oil.....	71.85	
Transfer to Treasury.....	.34	
Balance to 1913.....	8.37	
	<hr/>	<hr/>
	\$696.15	\$696.15

**Equipment and Repairs.****Receipts.**

Balance from 1911.....	\$7.77
Appropriation.....	400.00
Transfer from Salaries and Wages	105.40

**Expended.**

Repairs on Apparatus.....	\$246.07	
Equipment.....	240.82	
Miscellaneous.....	10.98	
Transfer to Treasury.....	7.77	
Balance to 1913.....	7.53	
	<hr/>	<hr/>
	\$513.17	\$513.17

**Repairs on Buildings.****Receipts.**

Balance from 1911.....	\$5.65
Appropriation.....	150.00
Transferred from Salaries and Wages.....	50.00

**Expended.**

For Repairs.....	\$192.06	
Transfer to Treasury.....	5.65	
Balance to 1913.....	7.94	
	<hr/>	<hr/>
	\$205.65	\$205.65

**Fire Department—Other Expenses.****Receipts.**

Balance from 1911.....	.49
Appropriation.....	300.00
Transfer from Salaries and Wages	181.43

**Expended.**

Printing, Stationery, and Sup- plies.....	\$201.30	
Furniture, Bedding and Laundry	101.76	
Telephone.....	104.31	
Miscellaneous.....	72.81	
Transfer to Treasury.....	.49	
Balance to 1913.....	1.25	
	<hr/>	<hr/>
	\$481.92	\$481.92

**Fire Alarm Maintenance.****Receipts.**

Balance from 1911.....	\$40.69
Appropriation.....	625.00
Transfer from Treasury.....	100.00

**Expended.**

Salary of Electrician.....	\$538.29	
Supplies.....	106.96	
Electric Power.....	21.35	
Repairs.....	25.77	
Miscellaneous.....	29.20	
Transfer to Treasury.....	40.69	
Balance to 1913.....	3.43	
	<hr/>	<hr/>
	\$765.69	\$765.69

**Fire Alarm Boxes.****Receipts.**

Balance from 1911.....	.03
Transfer from Treasury.....	75.00



**Expended.**

Stock and Labor Installing		
No. 461.....	\$75.00	
Transfer to Treasury.....	.03	
	<hr/>	<hr/>
	\$75.03	\$75.03

**INSPECTION.****Inspection of Building.****Receipts.**

Balance from 1911.....	\$20.50
Appropriation.....	325.00

**Expended.**

Salary.....	\$300.00	
Printing and Stationery.....	25.00	
Transfer to Treasury.....	20.50	
	<hr/>	<hr/>
	\$345.50	\$345.50

**Inspection of Wires.****Receipts.**

Appropriation.....	\$325.00
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**Expended.**

Salary.....	\$300.00	
Stationery, etc.....	9.25	
Postage, Telephone, etc.....	15.59	
Balance to 1913.....	.16	
	<hr/>	<hr/>
	\$325.00	\$325.00

**Sealing of Weights and Measures.****Receipts.**

Balance from 1911.....	\$32.53
Appropriation.....	650.00
Transfer from Treasury.....	10.00

**Expended.**

Salary .....	\$515.00	
Weights and Measures .....	19.00	
Repairing City Scales .....	10.00	
Postage and Printing .....	10.90	
Miscellaneous .....	13.65	
Transfer to Treasury .....	32.53	
Balance to 1913 .....	91.45	
	<hr/>	<hr/>
	\$692.53	\$692.53

**FORESTRY.****Gypsy and Brown Tail Moth Extermination.****Receipts.**

Balance from 1911 .....	\$123.58
Appropriation .....	1,500.00
Cash collected .....	212.75
Transfer from Treasury .....	192.50
Transfer from Moth Assessment .....	400.00
From Massachusetts Highway Commission .....	78.60

**Expended.**

Pay Rolls .....	\$1,731.68	
Rent .....	55.00	
Printing, Stationery, etc. ....	28.00	
Material, Tools and Supplies .....	500.42	
Liability Insurance .....	50.00	
Miscellaneous .....	11.60	
Transfer to Treasury .....	119.58	
Balance to 1913 .....	11.15	
	<hr/>	<hr/>
	\$2,507.43	\$2,507.43

**Other Insect Pest Extermination.****Receipts.**

Balance from 1911.....	\$41.98
Appropriation.....	500.00
Transfer from Gypsy and Brown Tail Moth.....	36.80

**Expended.**

Pay Rolls.....	\$531.80	
Transfer to Treasury.....	41.98	
Balance to 1913.....	5.00	
	<hr/>	<hr/>
	\$578.78	\$578.78

**Care of Trees.****Receipts.**

Balance from 1911.....	\$29.17
Appropriation.....	500.00

**Expended.**

Pay Rolls.....	\$439.52	
Teams, Stock and Labor.....	60.48	
Transferred to Treasury.....	29.17	
	<hr/>	<hr/>
	\$529.17	\$529.17

**DOG OFFICERS.****Receipts.**

Cash from County Treasurer....	\$52.00
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**Expended.**

Paid officers for killing Dogs....	\$52.00	
	<hr/>	<hr/>
	\$52.00	\$52.00

**HEALTH AND SANITATION.****General Administration.****Receipts.**

Balance from 1911.....	\$26.05
Appropriation.....	1,050.00
Cash refunded.....	12.50

**Expended.**

Salaries of Board and Clerk.....	\$789.57	
Printing, Stationery and Office Expenses.....	83.15	
Telephone.....	49.21	
Miscellaneous.....	7.82	
Transferred to Treasury.....	38.55	
Transferred to other expenses...	60.00	
Balance to 1913.....	60.25	
	<hr/>	<hr/>
	\$1,088.55	\$1,088.55

**Quarantine and Contagious Disease Hospital.****Receipts.**

Balance from 1911.....	\$593.81
Appropriation.....	1,500.00
Refund (Telephone).....	1.55

**Expended.**

Board, Care, and Nurses.....	\$1,006.19	
Carriages.....	28.25	
Food.....	6.81	
Labor and Supplies.....	7.67	
Telephone.....	16.38	
Transfer to Treasury.....	593.81	
Transfer to Tuberculosis.....	50.00	
Transfer to removal of Garbage..	60.00	
Balance to 1913.....	326.25	
	<hr/>	<hr/>
	\$2,095.36	\$2,095.36

**Tuberculosis.****Receipts.**

Balance from 1911.....	\$57.34
Appropriation.....	600.00
Transfer from Quarantine and Contagious Dis. Hospital...	50.00

**Expended.**

Board and Care.....	\$570.00	
Transfer to Treasury.....	57.34	
Balance to 1913.....	80.00	
	<hr/>	<hr/>
	\$707.34	\$707.34
	<hr/>	<hr/>
	\$707.34	\$707.34

**Health Department Receipts.**

From Commonwealth of Mass....	\$97.79
County of Middlesex.....	38.30
Board of Health, Licenses.....	48.50
Town of Harvard.....	14.97
Overseers of Poor, Licenses.....	.50

**Expended.**

Transfer to other expenses.....	\$200.00	
Balance to 1913.....	.06	
	<hr/>	<hr/>
	\$200.06	\$200.06

**Vital Statistics.****Receipts.**

Balance from 1911.....	.75
Appropriation from receipts of City Clerk.....	225.00

**Expended.**

Paid for records of Births.....	\$118.50	
Paid for records of Deaths.....	51.25	
Transfer to Treasury.....	.75	
Balance to 1913.....	55.25	
	<hr/>	
	\$225.75	\$225.75

**Other Expenses.****Receipts.**

Balance from 1911.....	\$6.21
Appropriation.....	800.00
Transfer from Receipts.....	200.00
Transfer from General Admin- istration.....	60.00

**Expended.**

Salary Inspector Plumbing and Sanitary.....	\$800.00	
Fumigation.....	70.07	
Inspection of Ice.....	24.00	
Transportation.....	30.50	
Miscellaneous.....	84.89	
Transfer to Treasury.....	6.21	
Transfer to Burying Dead Animals.....	46.50	
Balance to 1913.....	4.04	
	<hr/>	
	\$1,066.21	\$1,066.21

**Inspection of School Children.****Receipts.**

Appropriation.....	\$225.00
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**Expended.**

Salary of Inspector.....	\$225.00	
	<hr/>	
	\$225.00	\$225.00



**Inspection of Animals.****Receipts.**

Appropriation . . . . .		\$100.00
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**Expended.**

Salaries of Inspectors . . . . .	\$100.00	
	<hr/>	<hr/>
	\$100.00	\$100.00

**Inspection of Milk and Vinegar.****Receipts.**

Appropriations . . . . .		\$100.00
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**Expended.**

Salary of Inspector . . . . .	\$100.00	
	<hr/>	<hr/>
	\$100.00	\$100.00

**SANITATION—SEWERS.****Maintenance and Operation.****Receipts.**

Balance from 1911 . . . . .		\$57.40
Appropriation from Bank & Corporation Tax . . . . .		500.00

**Expended.**

Pay Rolls and Bills Paid . . . . .	\$537.19	
Balance to 1913 . . . . .	20.21	
	<hr/>	<hr/>
	\$557.40	\$557.40

**Private Sewers.****Receipts.**

Balance from 1911 . . . . .		\$114.04
Cash Collections . . . . .		2,568.84

**Expended.**

Pay Rolls and Bills Paid . . . . .	\$2,586.69	
Balance to 1913 . . . . .	96.21	
	<hr/>	<hr/>
	\$2,682.88	\$2,682.88

**Surface Drainage Maintenance.****Receipts.**

Balance from 1911.....	\$83.93
Appropriation from Bank & Corporation Tax.....	750.00
Transfer from Surface Drainage Construction.....	97.10
Transfer from Forest Street Betterments.....	200.00

**Expended.**

Pay Rolls and Bills paid.....	\$930.87	
Balance to 1913.....	200.16	
	<hr/>	<hr/>
	\$1,131.03	\$1,131.03

**Metropolitan Sewer Maintenance.**

Amount of Warrant.....	\$4,686.65
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**Expended.**

Paid State Treasurer.....	\$4,686.65	
	<hr/>	<hr/>
	\$4,686.65	\$4,686.65

**Sewer Construction.****Receipts.**

Balance from 1911.....	\$3,756.02
Proceeds of Sale of Bonds.....	10,000.00
Cash Collections.....	382.59
Transfer Bills.....	2,502.61

**Expended.**

Pay Rolls and Bills paid.....	\$9,879.16	
Balance to 1913.....	6,782.06	
	<hr/>	<hr/>
	\$16,661.22	\$16,661.22

**Surface Drainage Construction.****Receipts.**

Balance from 1911.....	\$2,420.51
Proceeds of Sale of Bonds.....	5,000.00
Transfer Bills.....	364.32

**Expended.**

Pay Rolls and Bills paid.....	\$7,664.30	
Balance to 1913.....	120.53	
	<hr/>	<hr/>
	\$7,784.83	\$7,784.83

**REFUSE AND GARBAGE DISPOSAL.****Collection of Ashes, Etc.****Receipts.**

Balance from 1911.....	\$4.50
Appropriation.....	2,300.00
Appropriation from Bank & Corporation Tax.....	1,000.00
Transfer from Ell Pond Development.....	85.19
Transfer from Ell Pond Acquiring and Grading.....	288.25

**Expended.**

Pay Rolls and Bills paid.....	\$3,445.17	
Transfer to Treasury.....	4.50	
Balance to 1913.....	228.27	
	<hr/>	<hr/>
	\$3,677.94	\$3,677.94

**Collection of Garbage.****Receipts.**

Balance from 1911.....	\$10.20
Appropriation.....	1,800.00
Transfer from Health Dept., Quarantining, and Contagious Disease Hospital.....	60.00

**Expended.**

Bills paid.....	\$1,856.68	
Transfer to Treasury.....	10.20	
Balance to 1913.....	3.32	
	<hr/>	<hr/>
	\$1,870.20	\$1,870.20

**Burial of Dead Animals.****Receipts.**

Transfer from Health Dept.		
Other Expenses.....		\$46.50

**Expended.**

Bills paid.....	\$46.50	
	<hr/>	<hr/>
	\$46.50	\$46.50

**Street Cleaning.****Receipts.**

Appropriation from Bank & Corporation Tax.....	\$4,500.00
Transfer Bill.....	591.79

**Expended.**

Pay Rolls and Bills paid.....	\$5,091.67	
Balance to 1913.....	.12	
	<hr/>	<hr/>
	\$5,091.79	\$5,091.79

**Cleaning Spot Pond and Bennett Pond Brooks.****Receipts.**

Proceeds of Note.....	\$500.00
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**Expended.**

Bills paid.....	\$427.72	
Balance to 1913.....	72.28	
	<hr/>	<hr/>
	\$500.00	\$500.00

**HIGHWAYS AND BRIDGES.**

(See report of Engineer and Supt. of Public Works for detail).

**General Administration.****Receipts.**

Balance from 1911.....	\$1.86
Appropriation from Bank & Corporation Tax.....	2,000.00

**Expended.**

Pay Rolls.....	\$2,000.00	
Transfer to Treasury.....	1.86	
	<hr/>	<hr/>
	\$2,001.86	\$2,001.86

**Repairing and Maintenance.****Receipts.**

Balance from 1911.....	\$1,944.79
Appropriation from Bank & Corporation Tax.....	9,000.00
Transfer from Street Railway Excise Tax.....	2,572.33
Transfer from Street Railway Tax.....	2,216.03
Cash received.....	124.50
Transfer Bills.....	11,135.93

**Expended.**

Pay Rolls and Bills paid.....	\$23,635.66	
Transfer to Treasury.....	1,944.79	
Balance to 1913.....	1,413.13	
	<hr/>	<hr/>
	\$26,993.58	\$26,993.58

**Metropolitan State Highway.**

Amount of Warrant.....	\$18.45
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**Expended.**

Paid State Treasurer.....	\$18.45	
	<hr/>	
	\$18.45	\$18.45

**Sidewalks—Continuous.****Receipts.**

Balance from 1911.....	\$2,426.44
Proceeds of Notes.....	10,000.00
Transfer from repair of Walks...	4.95

**Expended.**

Pay Rolls and Bills paid.....	\$11,667.78	
Transfer to repairs of Walks.....	500.00	
Balance to 1913.....	263.61	
	<hr/>	
	\$12,431.39	\$12,431.39

**Sidewalks—Individual.****Receipts.**

Balance from 1911.....	\$150.87
Appropriation.....	1,000.00
Transfer from repairs of Walks..	110.60
Cash Collections.....	1,872.64

**Expended.**

Pay Rolls and Bills paid.....	\$2,765.31	
Balance to 1913.....	368.80	
	<hr/>	
	\$3,134.11	\$3,134.11

**Sidewalk—Repairs.****Receipts.**

Balance from 1911.....	\$5.51
Appropriation from Bank & Corporation Tax.....	1,500.00
Transfer from Continuous Walks	500.00



Transfer Orders.....	550.00
Transfer Bills.....	51.27

**Expended.**

Pay Rolls and Bills paid.....	\$2,584.77	
Balance to 1913.....	22.01	
	<hr/>	<hr/>
	\$2,606.78	\$2,606.78

**Street Sprinkling.**

(Water).

**Receipts.**

Collections.....	\$7,622.09
Less Overdraft of 1911.....	3,309.12
	<hr/>
	\$4,312.97

**Expended.**

Pay Rolls and Bills paid.....	\$1,727.51	
Transfer to Street Sprinkling.		
Other than Water.....	6,096.98	
Overdraft to 1913.....		\$3,511.52
	<hr/>	<hr/>
	\$7,824.49	\$7,824.49

**Street Sprinkling—Other than Water.****Receipts.**

Transfer from Treasury.....	\$438.30
Cash Collected.....	10.00
Transfer from Street Sprinkling	
(Water).....	6,096.98

**Expended.**

Bills paid.....	\$6,545.28	
	<hr/>	<hr/>
	\$6,545.28	\$6,545.28

**Street Lighting.****Receipts.**

Balance from 1911.....	\$167.49
Appropriation.....	15,341.64
Transfer from Treasury.....	34.88

**Expended.**

Bills paid.....	\$15,374.45	
Transfer to Treasury.....	54.70	
Transfer to City Hall. Other		
Expenses.....	112.79	
Balance to 1913.....	2.07	
	<hr/>	<hr/>
	\$15,544.01	\$15,544.01

**Street Signs and Numbering.****Receipts.**

Balance from 1911.....	\$25.70
Appropriation.....	100.00

**Expended.**

Bills paid.....	\$89.42	
Transfer to Treasury.....	25.70	
Balance to 1913.....	10.58	
	<hr/>	<hr/>
	\$125.70	\$125.70

**Goss Avenue Extension.****Receipts.**

Proceeds of Note.....	\$391.00
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**Expended.**

Bills paid.....	\$2.50	
Balance to 1913.....	388.50	
	<hr/>	<hr/>
	\$391.00	\$391.00

**Sargent Street and Sidewalk.****Receipts.**

Balance from 1911 . . . . .	\$411.37
Transfer from Repair of Walks. . .	73.44
Cash. Geo. W. Wood . . . . .	61.13

**Expended.**

Bills paid . . . . .	\$210.05	
Transfer to Repair of Walks. . . . .	300.00	
Balance to 1913 . . . . .	35.89	
	<hr/>	<hr/>
	\$545.94	\$545.94

**Nowell Road.****Receipts.**

Balance from 1911 . . . . .	\$1,478.10
Cash on Account of Claim. . . . .	26.50

**Expended.**

Pay Rolls and Bills paid . . . . .	\$1,147.82	
Transfer to repairs Present Walks . . . . .	200.00	
Balance to 1913 . . . . .	156.78	
	<hr/>	<hr/>
	\$1,504.60	\$1,504.60

**Florence Street.****Receipts.**

Balance from 1911 . . . . .	\$500.00
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**Expended.**

Pay Rolls and Bills paid . . . . .	\$226.78	
Balance to 1913 . . . . .	273.22	
	<hr/>	<hr/>
	\$500.00	\$500.00

**Lowering South Side Melrose Street Sidewalk.****Receipts.**

Balance from 1911 . . . . .	\$321.82
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**Expended.**

Bills paid . . . . .	\$148.31	
Balance to 1913 . . . . .	173.51	
	<hr/>	<hr/>
	\$321.82	\$321.82

**Laying Out and Building Warwick Road.****Receipts.**

Balance from 1911 . . . . .	\$1,200.00
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**Expended.**

Pay Rolls and Bills paid . . . . .	\$979.92	
Transfer to Repairs of Walks . . . . .	50.00	
Balance to 1913 . . . . .	170.08	
	<hr/>	<hr/>
	\$1,200.00	\$1,200.00

**East Wyoming Avenue.****Receipts.**

Proceeds of Note . . . . .	\$500.00
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**Expended.**

Pay Rolls and Bills paid . . . . .	\$343.27	
Balance to 1913 . . . . .	156.73	
	<hr/>	<hr/>
	\$500.00	\$500.00

**Newburyport Turnpike.****Receipts.**

Proceeds of Note . . . . .	\$1,000.00
Cash from Middlesex County . . . . .	350.00

**Expended.**

Bills and Pay Rolls.....	\$991.03	
Transfer to Municipal Debt....	350.00	
Balance to 1913.....	8.97	
	<hr/>	<hr/>
	\$1,350.00	\$1,350.00

**Perkins Street.****Receipts.**

Proceeds of Note.....		\$2,500.00
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**Expended.**

Pay Rolls and Bills paid.....	\$2,498.13	
Balance to 1913.....	1.87	
	<hr/>	<hr/>
	\$2,500.00	\$2,500.00

**CHARITIES.****General Administration.****Receipts.**

Balance from 1911.....	\$16.65
Appropriation.....	750.00

**Expended.**

Salaries Board of Overseers and Clerk.....	\$665.18	
Printing, Stationery and Office Supplies.....	42.94	
Telephone.....	25.97	
Transfer to Treasury.....	16.65	
Balance to 1913.....	15.91	
	<hr/>	<hr/>
	\$766.65	\$766.65

**Almshouse or Farm.****Receipts.**

Appropriation.....	\$1,100.00
Appropriation from Receipts...	1,000.00
Proceeds of Notes.....	750.00

**Expended.**

Salaries of Supt., Matron and Nurse.....	\$640.00	
Food and Kitchen Supplies.....	525.39	
Fuel and Lights.....	293.43	
Grain and Horse Shoeing.....	332.00	
Dry Goods, Clothing, Medicine, Etc.....	45.19	
Telephone.....	23.18	
Labor and Repairs.....	194.93	
Farm Tools, Seeds, Etc.....	177.93	
Purchase of Cow.....	90.00	
Miscellaneous.....	87.68	
Transfer to Outside Relief by City.....	12.28	
Transfer to Relief by Other Cities.....	23.33	
Overdraft of 1911.....	402.14	
Balance to 1913.....	2.52	
	<hr/>	<hr/>
	\$2,850.00	\$2,850.00

**Outside Relief by City.****Receipts.**

Appropriation.....	\$1,500.00
Appropriation from Bank & Corporation Tax.....	1,500.00
Transfer from Almshouse.....	12.28
Proceeds of Notes.....	600.00
Cash refunded.....	2.50

**Expended.**

Salary of City Physicians.....	\$350.00
Sundry Cash Orders paid by the Treasurer.....	999.00
Food.....	1,009.37
Fuel.....	307.38
Board and Nursing.....	456.86
Dry Goods, Clothing, Etc.....	95.96



Medicine, Etc.....	66.06	
Miscellaneous.....	86.93	
Overdraft of 1911.....	212.28	
Balance to 1913.....	30.94	
	<hr/>	<hr/>
	\$3,614.78	\$3,614.78

**Relief by Other Cities and Towns.****Receipts.**

Appropriation.....	\$500.00
Transfer from Almshouse.....	23.33
Proceeds of Note.....	450.00

**Expended.**

For Board and Care at Hospital..	\$678.20	
Groceries, Etc.....	216.45	
Overdraft of 1911.....	23.33	
Balance to 1913.....	55.35	
	<hr/>	<hr/>
	\$973.33	\$973.33

**Charity Department—Receipts.**

From Overseers of Poor (Sale of Produce).....	\$417.32
From Sundry Cities and Towns..	588.74

**Expended.**

Transferred to Almshouse.....	\$1,000.00	
Balance to 1913.....	6.06	
	<hr/>	<hr/>
	\$1,006.06	\$1,006.06

**Melrose Hospital.****Receipts.**

Appropriation.....	\$1,000.00
Receipts for Hospital.....	347.00

**Expended.**

Board and Care at Hospital . . . .	\$1,000.00	
Cash Collected, paid . . . . .	347.00	
	<hr/>	<hr/>
	\$1,347.00	\$1,347.00

**SOLDIERS' BENEFITS.****General Administration.****Receipts.**

Appropriation . . . . .	\$100.00
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**Expended.**

Salary of Agent . . . . .	\$100.00	
	<hr/>	<hr/>
	\$100.00	\$100.00

**STATE AID.***(Paid by Commonwealth, Nov., 1913).*

Pay Rolls paid . . . . .	\$2,854.00
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**MILITARY AID.***(One half of Payments paid by Commonwealth, Nov., 1913).***Receipts.**

Balance from 1911 . . . . .	\$126.00
Transferred from Commonwealth	30.00

**Expended.**

Pay Rolls paid . . . . .	\$60.00	
Balance to 1913 . . . . .	96.00	
	<hr/>	<hr/>
	\$156.00	\$156.00

**SOLDIERS' BURIAL.***(Paid by Commonwealth, Nov., 1913).*

Bills paid . . . . .	\$74.00
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**SOLDIERS' RELIEF.****Receipts.**

Balance from 1911.....	\$162.93
Appropriation.....	1,500.00
Appropriation from Bank & Corporation Tax.....	1,000.00
Cash returned not called for.....	10.50
Proceeds of Note.....	800.00
Transfer from Treasury.....	250.00

**Expended.**

Cash Orders paid.....	\$2,050.00	
Rent, Board and Care.....	479.75	
Dry Goods, Boots, Shoes, Etc....	17.50	
Food and Fuel.....	802.60	
Medicine, Medical Attendance Etc.....	35.80	
Miscellaneous.....	133.70	
Transfer to Treasury.....	10.50	
Balance to 1913.....	193.58	
	<hr/>	
	\$3,723.43	\$3,723.43

**EDUCATION—SCHOOL DEPARTMENT.****General Expenses—Administrative Salaries.**

Appropriation.....	\$2,440.00	
Transferred from Teachers' Salaries.....	80.00	\$2,520.00
	<hr/>	<hr/>

**Expended.**

Salary of Superintendent.....	\$2,520.00	
	<hr/>	<hr/>
	\$2,520.00	\$2,520.00

**Other General Salaries.**

Appropriation.....	\$1,170.00
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**Expended.**

Salary of Clerk.....	\$670.00	
Salary of Truant Officer.....	500.00	
	<hr/>	<hr/>
	\$1,170.00	\$1,170.00

**Other General Expenses.**

Balance from 1911.....	.08	
Appropriation.....	790.00	790.08

**Expended.**

Printing, Stationery, Postage and Office Supplies.....	\$250.83	
Telephone.....	290.50	
Travelling Expenses.....	237.62	
Miscellaneous.....	8.48	
Transferred to Treasury.....	.08	
Balance to 1913.....	2.57	
	<hr/>	<hr/>
	\$790.08	\$790.08

**Teachers' Salaries.**

Balance from 1911.....	\$736.43	
Appropriation.....	68,000.00	\$68,736.43

**Expended.**

Teachers' Pay Rolls.....	\$67,826.73	
Transferred to Maintenance of Buildings.....	93.27	
Transferred to Administrative Salaries.....	80.00	
Transferred to Treasury.....	736.43	
	<hr/>	<hr/>
	\$68,736.43	\$68,736.43

**Text Books and Supplies.**

Balance from 1911.....	.25	
Appropriation.....	5,000.00	
Proceeds of Note.....	1,000.00	\$6,000.25

**Expended.**

Books.....	\$5,010.58	
Chemicals, Supplies, Etc.....	835.87	
Typewriter, Repairs and Supplies	93.30	
Miscellaneous.....	57.62	
Balance to 1913.....	2.88	
	<hr/>	<hr/>
	\$6,000.25	\$6,000.25

**Tuition.**

Balance from 1911.....	\$98.80	
Appropriation.....	750.00	
Refund—Rebate.....	45.00	\$893.80

**Expended.**

City of Boston.....	\$194.60	
City of Malden.....	510.20	
Town of Wakefield.....	19.00	
Transferred to Treasury.....	98.80	
Balance to 1913.....	71.20	
	<hr/>	<hr/>
	\$893.80	\$893.80

**Transportation.**

Balance from 1911.....	\$134.50	
Appropriation.....	500.00	
Transferred from School Receipts	250.00	\$884.50

**Expended.**

Use of Barges.....	\$573.00	
Service on Barges.....	89.00	
Fares.....	2.25	
Transferred to Treasury.....	134.50	
Balance to 1913.....	85.75	
	<hr/>	<hr/>
	\$884.50	\$884.50

**Support of Truants.**

Balance from 1911.....	\$80.00	
Appropriation.....	100.00	180.00

**Expended.**

Transferred to Treasury.....	\$80.00	
Transferred to Janitors' Salaries..	100.00	
	<hr/>	<hr/>
	\$180.00	\$180.00

**Janitors' Salaries.**

Balance from 1911.....	\$121.26	
Appropriation.....	7,340.00	
Transferred from Fuel and Lights.....	351.12	
Transferred from Support of Truants.....	100.00	\$7,912.38

**Expended.**

Pay Rolls.....	\$7,791.12	
Transferred to Treasury.....	121.26	
	<hr/>	<hr/>
	\$7,912.38	\$7,912.38

**Fuel and Lights.**

Balance from 1911.....	\$64.17	
Appropriation.....	7,000.00	\$7,064.17

**Expended.**

Coal and Wood.....	\$6,285.50	
Light, Electric.....	296.06	
Light, Gas.....	57.51	
Transferred to Treasury.....	64.17	
Transferred to Janitors' Salaries.	351.12	
Balance to 1913.....	9.81	
	<hr/>	<hr/>
	\$7,064.17	\$7,064.17

**Maintenance of Buildings and Grounds.**

Balance from 1911.....	\$20.69	
Appropriation.....	3,500.00	
Transferred from Bank & Corporation Tax.....	900.00	
Transferred from New Buildings.....	600.91	
Transferred from Teachers' Salaries.....	93.27	\$5,214.87

**Expended.**

Stock and Labor and Repairs....	\$3,464.56	
Care of Grounds, Janitors' Supplies, Etc.....	827.84	
Miscellaneous.....	197.83	
Water Rates.....	721.86	
Balance to 1913.....	2.78	
	<hr/>	<hr/>
	\$5,214.87	\$5,214.87

**New Buildings.**

Balance from 1911.....	\$1,954.22
------------------------	------------

**Expended.**

Stock and Labor Installing Heating Plant.....	\$574.77	
Stock and Labor Installing Ventilating Plant.....	178.54	
Transferred to Upham St. Curb..	600.00	
Transferred to Maintenance of Buildings.....	600.91	
	<hr/>	<hr/>
	\$1,954.22	\$1,954.22

**Furniture and Furnishings.**

Balance from 1911.....	\$114.06	
Appropriation.....	200.00	\$314.06



**Expended.**

Desks and Seats.....	\$208.40	
Cabinet Supplies.....	31.75	
Miscellaneous.....	68.88	
Balance to 1913.....	5.03	
	<hr/>	<hr/>
	\$314.06	\$314.06

**Other Expenses.**

Balance from 1911.....	.70	
Appropriation.....	500.00	\$500.70

**Expended.**

Printing, Stationery and Ad- vertising.....	\$75.95	
Diplomas and Expenses Inci- dental to Graduation.....	316.33	
Moving Furniture, and Express..	8.25	
Miscellaneous.....	98.50	
Transfer to Treasury.....	.70	
Balance to 1913.....	.97	
	<hr/>	<hr/>
	\$500.70	\$500.70

**School Receipts.**

From Tuition.....	\$1,571.29	
From Text Books.....	10.41	
From Furniture and Fixtures....	6.44	
From Old Material.....	9.00	\$1,597.14

**Expended.**

To Tuition Budget.....	\$750.00	
To Transfer Orders.....	250.00	
Balance to 1913.....	597.14	
	<hr/>	<hr/>
	\$1,597.14	\$1,597.14

**Construction of Inside Curb Upham Street.**

Transferred from New Buildings.		\$600.00
Balance to 1913.....	\$600.00	
	<hr/>	<hr/>
	\$600.00	\$600.00

**LIBRARIES.****Salaries and Wages.**

Appropriation.....		\$2,500.00
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**Expended.**

Pay Rolls.....	\$2,498.50	
Balance to 1913.....	1.50	
	<hr/>	<hr/>
	\$2,500.00	\$2,500.00

**Books and Periodicals.**

Balance from 1911.....	\$8.17	
Appropriation.....	232.99	
Transferred from Grants and Gifts. Dog Tax.....	1,267.01	
Transferred from Binding.....	150.00	\$1,658.17

**Expended.**

Bills paid.....	\$1,656.20	
Balance to 1913.....	1.97	
	<hr/>	<hr/>
	\$1,658.17	\$1,658.17

**Binding.**

Balance from 1911.....	\$111.02	
Appropriation.....	500.00	\$611.02

**Expended.**

Bills paid.....	\$346.38	
Transferred to Treasury.....	111.02	
Transferred to Books and Pe- riodicals.....	150.00	
Balance to 1913.....	3.62	
	<hr/>	<hr/>
	\$611.02	\$611.02

**Fuel and Lights.**

Balance from 1911.....	\$32.79	
Appropriation.....	500.00	\$532.79

**Expended.**

Coal.....	\$313.50	
Electric Lighting.....	186.50	
Transferred to Treasury.....	32.79	
	<hr/>	<hr/>
	\$532.79	\$532.79

**Building and Janitors' Supplies.**

Balance from 1911.....	\$27.52	
Appropriation.....	75.00	\$102.52

**Expended.**

Repairs to Heating Apparatus and Carpenter Work.....	\$35.00	
Transferred to Treasury.....	27.52	
Transferred to Other Expenses..	40.00	
	<hr/>	<hr/>
	\$102.52	\$102.52

**Other Expenses.**

Balance from 1911.....	\$8.24	
Appropriation.....	350.00	
Transferred from Building and Janitors' Supplies.....	40.00	\$398.24

**Expended.**

Printing, Stationery and Sup- plies.....	\$251.49	
Telephone.....	26.10	
Miscellaneous.....	75.09	
Transferred to Treasury.....	8.24	
Balance to 1913.....	37.32	
	<hr/>	<hr/>
	\$398.24	\$398.24

**RECREATION—GENERAL ADMINISTRATION.**

(See report of Park Commissioners)

**Salaries and Wages.**

Balance from 1911 . . . . .	\$41.67	
Appropriation . . . . .	75.00	\$116.67

**Expended.**

Pay Rolls . . . . .	\$50.00	
Transferred to Park and Garden.		
Other Expenses . . . . .	41.67	
Balance to 1913 . . . . .	25.00	
	<hr/>	<hr/>
	\$116.67	\$116.67

**Other Expenses.**

Appropriation . . . . .	\$75.00
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**Expended.**

Bills paid . . . . .	\$26.82	
Balance to 1913 . . . . .	48.18	
	<hr/>	<hr/>
	\$75.00	\$75.00

**Parks and Gardens—Salaries and Wages.**

Appropriation . . . . .	\$500.00
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**Expended.**

Pay Roll . . . . .	\$483.13	
Transferred to other expenses . .	16.87	
	<hr/>	<hr/>
	\$500.00	\$500.00

**Improvements and Additions.**

Balance from 1911 . . . . .	\$5.92	
Appropriation . . . . .	250.00	\$255.92

**Expended.**

Bills paid . . . . .	\$249.74	
Transferred to other expenses . . .	6.18	
	<hr/>	<hr/>
	\$255.92	\$255.92

**Other Expenses.**

Balance from 1911 . . . . .	.78	
Appropriation . . . . .	250.00	
Transferred from Sundries Acct, .	149.89	\$400.67

**Expended.**

Bills paid . . . . .	\$399.52	
Transferred to Treasury . . . . .	.02	
Balance to 1913 . . . . .	1.13	
	<hr/>	<hr/>
	\$400.67	\$400.67

**Playgrounds and Gymnasium—Salaries and Wages.**

Balance from 1911 . . . . .	\$11.00	
Appropriation . . . . .	50.00	\$61.00

**Expended.**

Bills paid . . . . .	\$26.50	
Transferred to other expenses . . .	34.50	
	<hr/>	<hr/>
	\$61.00	\$61.00

**Other Expenses.**

Balance from 1911 . . . . .	\$14.83	
Appropriation . . . . .	50.00	\$64.83

**Expended.**

Bills paid . . . . .	\$46.64	
Transferred to other expenses . . .	18.19	
	<hr/>	<hr/>
	\$64.83	\$64.83

**Bath Houses—Salaries and Wages.**

Balance from 1911 . . . . .	\$5.84	
Appropriation . . . . .	350.00	\$355.84

**Expended.**

Bills paid . . . . .	\$347.83	
Transferred to other expenses . .	8.01	
	<hr/>	<hr/>
	\$355.84	\$355.84

**Other Expenses.**

Balance from 1911 . . . . .	\$4.92	
Appropriation . . . . .	25.00	\$29.92

**Expended.**

Bills paid . . . . .	\$24.60	
Transferred to other expenses . .	5.32	
	<hr/>	<hr/>
	\$29.92	\$29.92

**Pine Banks Park.**

Appropriation . . . . .	\$1,500.00
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**Expended.**

Paid to Trustees . . . . .	\$1,500.00	
	<hr/>	<hr/>
	\$1,500.00	\$1,500.00

**Metropolitan Park Maintenance.**

Amount of Warrant . . . . .	\$4,236.30
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**Expended.**

Paid State Treasurer . . . . .	\$4,236.30	
	<hr/>	<hr/>
	\$4,236.30	\$4,236.30

**Charles River Basin.**

Amount of Warrant . . . . .	\$548.38
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**Expended.**

Paid State Treasurer.....	\$548.38	
	<hr/>	<hr/>
	\$548.38	\$548.38

**PARK SYSTEM.****Ell Pond Park Development.**

Balance from 1911.....	\$4,825.50	
Transferred from Acquiring and Grading.....	226.63	
Proceeds of Note.....	850.00	\$5,901.63

**Expended.**

Bills paid.....	\$5,894.15	
Balance to 1913.....	7.48	
	<hr/>	<hr/>
	\$5,901.63	\$5,901.63

**Acquiring and Grading.**

Balance from 1911.....	\$7,000.00	
Proceeds of Note.....	1,150.00	\$8,150.00

**Expended.**

Bills paid.....	\$7,461.83	
Balance to 1913.....	688.17	
	<hr/>	<hr/>
	\$8,150.00	\$8,150.00

**Celebrations—Memorial Day.**

Balance from 1911.....	.05	
Appropriation.....	325.00	\$325.05

**Expended.**

Flowers.....	\$44.00	
Speaker.....	25.00	
Music.....	180.80	
Carriages and Barges.....	56.00	



Postage and Printing.....	19.15	
Transferred to Treasury.....	.05	
Balance to 1913.....	.05	
	<hr/>	<hr/>
	\$325.05	\$325.05

**All Others.**

Appropriation.....		\$60.00
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**Expended.**

Bills paid. Ringing Bells.....	\$56.00	
Balance to 1913.....	4.00	
	<hr/>	<hr/>
	\$60.00	\$60.00

**UNCLASSIFIED.****Damages to Persons and Property.**

Balance from 1911.....	\$45.63	
Transferred from Treasury.....	1,471.41	
Transferred from Forest Street Betterments.....	375.00	
Cash from Charity Receipts.....	142.30	
Proceeds of Note.....	1,154.40	\$3,188.74

**Expended.**

H. A. Leonard. Claim, Illegal Assessment.....	\$45.63	
Catherine T. Davis. Claim, In- juries.....	175.00	
Florence Meredith. Claim, In- juries.....	571.41	
John H. Laskey. Claim, In- juries.....	75.00	
Mary Moynehan. Claim, In- juries.....	375.00	

Catherine Hurd. Claim, In-		
juries.....	1,046.70	
Annie J. Scanlon. Claim, In-		
juries.....	250.00	
Eliza Hallahan. Claim. In-		
juries.....	300.00	
Balance to 1913.....	350.00	
	<hr/>	<hr/>
	\$3,188.74	\$3,188.74

## Ice for Drinking Fountain.

Appropriation.....	\$20.00
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## Expended.

Balance to 1913.....	\$20.00	
	<hr/>	<hr/>
	\$20.00	\$20.00

## INSURANCE.

Balance from 1911.....	\$400.06	
Appropriation.....	1,728.00	
Refund $\frac{1}{2}$ by MacDonald, Joslin		
Co.....	140.00	\$2,268.06

## Expended.

Premium paid.....	\$1,748.75	
Transferred to Treasury.....	400.06	
Balance to 1913.....	119.25	
	<hr/>	<hr/>
	\$2,268.06	\$2,268.06

## PORTRAITS.

Balance from 1911.....	\$100.00	
Transferred from Treasury.....	110.00	\$210.00

**Expended.**

Paid bills Portraits of Mayor		
Moore and Alderman French .	100.00	
Balance to 1913.....	110.00	
	<hr/>	<hr/>
	\$210.00	\$210.00

**PRINTING CITY REPORT.**

Appropriation.....	\$500.00
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**Expended.**

Advertising and Postage.....	\$15.66	
Printing Report.....	473.16	
Sundries.....	11.18	
	<hr/>	<hr/>
	\$500.00	\$500.00

**PUBLIC SERVICE ENTERPRISE.****WATER.****Water Income Fund.****Receipts.**

Income from Water.....	\$45,490.14	
Summons.....	84.40	
Interest on Bonds sold.....	46.65	
Transferred from Water Main-		
tenance 1911.....	1,076.79	
	<hr/>	
	\$46,697.98	
Less Overdraft 1911.....	3,788.22	
	<hr/>	
		\$42,909.76

**Expended.**

Paid Coupons.....	\$9,392.50	
Paid State Treasury Sinking Funds.....	20,978.01	
Paid City of Malden.....	11.28	
Transferred to Maintenance....	10,000.00	
Transferred to Engineering....	500.00	
Transferred to J. W. Murray, Col.	10,195.00	
Overdraft to 1913.....		\$8,167.03
	<hr/>	<hr/>
	\$51,076.79	\$51,076.79

**WATER MAINTENANCE.**

See report of Engineer and Supt. of Public Works for Details.

**Receipts.**

Balance from 1911.....	1,076.79	
Cash for shutting off and turn- ing on.....	60.50	
Transferred from Water Income.	10,000.00	
Transferred from Treasury.....	3,795.32	
Transferred from Sundry Accts.,..	4,310.99	
Transferred from Sewer Con- struction.....	226.50	\$19,470.10

**Expended.**

Transferred to Income Fund....	\$1,076.79	
Bills paid.....	8,299.58	
Pay Rolls paid.....	9,914.34	
Balance to 1913.....	179.35	
	<hr/>	<hr/>
	\$19,470.10	\$19,470.10

**Inside Service.****Receipts.**

Balance from 1911.....	\$15.11	
Cash received.....	2,488.50	
Transferred from Sundry Accts...	31.68	\$2,535.29

**Expended.**

Bills paid .....	\$1,282.07	
Pay Rolls .....	1,174.97	
Balance to 1913 .....	78.25	
	<hr/>	<hr/>
	\$2,535.29	\$2,535.29

**Public Scales.****Receipts.**

Balance from 1911 .....	\$36.75	
Cash Fees, .....	34.10	\$70.85

**Expended.**

Bills paid .....	\$3.09	
Transferred to Treasury .....	36.75	
Balance to 1913 .....	31.01	
	<hr/>	<hr/>
	\$70.85	\$70.85

**WATER CONSTRUCTION.****Receipts.**

Balance from 1911 .....	\$1,064.29	
Proceeds of Sale of Bonds .....	10,000.00	
Cash, Stone sold .....	9.00	\$11,073.29

**Expended.**

Bills paid .....	\$5,108.45	
Pay Rolls .....	4,778.66	
Balance to 1913 .....	1,186.18	
	<hr/>	<hr/>
	\$11,073.29	\$11,073.29

**CEMETERIES.**

(For details see Report of Cemetery Committee).

Appropriation per Budget to come from receipts \$6,500.00

**Receipts.**

From Sale and Care of Lots;	
Sundries .....	6,223.60

**Expended.**

Pay Rolls and Bills paid . . . . .	\$6,569.69	
Overdraft for 1911 . . . . .	7,698.88	
Overdraft to 1913 . . . . .		\$8,044.97
	<hr/>	<hr/>
	\$14,268.57	\$14,268.57

**Administration of Invested Funds.**

Sinking Funds:	
Appropriation . . . . .	\$200.00

**Expended.**

Salary of Treasurer . . . . .	\$200.00	
	<hr/>	<hr/>
	\$200.00	\$200.00

**INTEREST.**

Balance from 1911 . . . . .	\$2,113.89	
Appropriation . . . . .	36,500.00	\$38,613.89

**Receipts.**

Accrued Interest . . . . .	\$111.52	
Betterments . . . . .	74.44	
Investment Account . . . . .	33.82	
Melrose National Bank on deposit	698.82	
Old Colony Trust Co., on deposit	239.06	
Sewer Assessments . . . . .	586.25	
Sidewalk Assessments . . . . .	163.43	
Taxes and Takings . . . . .	8,593.21	
Town Hall Sinking Fund Com... .	1,800.00	\$12,300.55
	<hr/>	<hr/>
		\$50,914.44

**Expended.**

Auditorium Loan Coupons . . . . .	\$1,800.00
School House Loan Coupons . . . . .	10,850.00
Sewer Loan Coupons . . . . .	15,185.00
Surface Drainage Loan Coupons . . . . .	4,800.00

Town Hall Loan Coupons.....	1,800.00	
Permanent Loan Notes.....	2,307.95	
Municipal Loan Notes.....	1,177.84	
Temporary Loan Notes.....	6,486.96	
Cemetery Trust Funds.....	1,090.36	
E. Toothaker Trust Funds.....	52.49	
	<hr/>	
	\$45,550.60	
Balance to 1913.....	5,363.84	
	<hr/>	
	\$50,914.44	\$50,914.44

**Metropolitan Interest Requirements.**

Amount of Warrant, Charles River Basin.....	\$722.67	
Amount of Warrant, Parks.....	3,831.02	
Amount of Warrant, Sewers....	7,105.16	
	<hr/>	
		\$11,658.85

**Expended.**

Paid State Treasurer.....	\$11,658.85	
	<hr/>	
	\$11,658.85	\$11,658.85

**MUNICIPAL INDEBTEDNESS.****Temporary Loans.**

Balance from 1911.....	\$157,600.00	
Cash received for Notes.....	289,100.00	\$446,700.00

**Expended.**

Notes paid.....	\$267,800.00	
Balance to 1913.....	178,900.00	
	<hr/>	
	\$446,700.00	\$446,700.00

**Municipal Loans.**

Balance from 1911.....	\$21,800.00	
Cash received for Notes.....	12,345.40	\$34,145.40



**Expended.**

Notes paid .....	\$22,700.00	
Balance to 1913.....	11,445.40	
	<hr/>	<hr/>
	\$34,145.40	\$34,145.40

**Permanent Loans.**

Balance from 1911.....	\$57,371.86	
Cash received for Notes.....	15,000.00	\$72,371.86

**Expended.**

Notes paid .....	\$22,461.86	
Balance to 1913.....	49,910.00	
	<hr/>	<hr/>
	\$72,371.86	\$72,371.86

**BONDS.**

Cash received for Sewer Bonds...	\$10,000.00	
Cash received for Surface Drain- age Bonds.....	5,000.00	
Cash received for Water Bonds .	10,000.00	\$25,000.00

**Expended.**

Paid Auditorium Bonds.....	\$3,000.00	
Paid Park Bonds.....	1,500.00	
Paid Water Bonds.....	5,000.00	\$9,500.00
	<hr/>	<hr/>
Increase.....		\$15,500.00

**Metropolitan Sinking Fund Requirements.**

Amount of Warrant, Charles River Basin.....	\$52.32	
Amount of Warrant, Parks.....	1,345.43	
Amount of Warrant, Sewers.....	4,012.67	\$5,410.42

**Expended.**

Paid State Treasurer.....	\$5,410.42	
	<hr/>	<hr/>
	\$5,410.42	\$5,410.42

**Sinking Funds.**

To Commissioners for Debt Requirements:

From Premium on Bonds sold . .	\$207.85	
From Sewer Assessments Col- lected.....	3,480.86	
From Taxes, Budget Appropri- ation. School.....	6,518.83	
From Taxes, Budget Appropri- ation. Sewer.....	1,145.21	
From Taxes, Budget Appropri- ation. Surface Drainage...	3,339.28	
	<hr/>	\$14,692.03

**AGENCY, TRUSTS AND INVESTMENTS.****Agency.**

From Taxes for State.....	\$27,000.00	
From Taxes for Non-Resident Bank.....	1,000.62	\$28,000.62

**Expended.**

Paid State Treasurer.....	\$27,000.00	
Paid State Treasurer, Non-Resi- dent Bank.....	1,014.85	
Overdraft to 1913.....		\$14.23
	<hr/>	<hr/>
	\$28,014.85	\$28,014.85
From Taxes for County.....		\$14,860.33

**Expended.**

Paid County Treasurer.....	\$14,860.33	
	<hr/>	<hr/>
	\$14,860.33	\$14,860.33

**TRUST FUNDS.****Cemetery—Perpetual Care.**

Balance from 1911.....		\$25,968.00
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**Receipts.**

Bacon, Mrs. L. J.....	\$150.00	
Bishop, Mrs. H. L.....	155.00	
Booth, Edwin R.....	80.00	
Cole, Allan P.....	80.00	
Dodge, Mrs. Ella M.....	165.00	
Donaghey, Estate of Henry....	119.50	
Eastman, Estate of M. Frank....	167.00	
Farland, Marrietta.....	40.00	
Fernald, Grace F.....	175.00	
Galligan, Mrs. Lillian R.....	150.00	
Hawes, Oliver E.....	122.00	
Hazard, Wm. L.....	80.00	
Horton, Mrs. Fannie C.....	110.00	
Howard, Mrs. A. O.....	80.00	
Ireson, Eugene W. 2 lots.....	183.00	
Kattell, Mrs. Minnie E.....	30.00	
King, John T.....	120.00	
Lovett, Geo. F.....	90.00	
Marshall, Emeline E. P.....	100.00	
Plaskett, Sadie A.....	120.00	
Reed, G. Parker.....	90.00	
Sturgis, Allan H.....	142.00	
Woodward, Estate of Jane E....	135.00	\$2,683.50

Balance to 1913.....		\$28,651.50
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**E. Toothaker Fund.**

Balance from 1911.....	\$1,364.31	
Cash received for Interest.....	52.49	\$1,416.80

**Expended.**

Bills paid (in Charity Dept.)....	\$52.00	
Balance to 1913.....	1,364.80	
	\$1,416.80	\$1,416.80

**Guarantee Deposits:**

Cash received.....		\$50.00
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**Expended.**

Cash returned.....	\$50.00	
	<hr/>	<hr/>
	\$50.00	\$50.00

**SINKING FUNDS.**

(For details see Report of Sinking Fund Com.)

**School House Loan.**

Balance from 1913.....	\$156,838.91	
Appropriation.....	6,518.83	
Cash received Coupons and Interest.....	6,516.38	
Cash received Gain on Bonds Sold.....	87.30	
Cash Transferred from Town Hall Sinking Fund.....	355.54	\$170,316.96

**Expended.**

Expenses.....	\$15.25	
Accrued Interest.....	382.71	
Coupon credited to error.....	2.19	
Premium on Bonds.....	924.72	
Balance to 1913.....	168,992.09	
	<hr/>	<hr/>
	\$170,316.96	\$170,316.96

**Sewer Loan.**

Balance from 1911.....	\$233,957.11	
Appropriation.....	1,145.21	
Cash Sewer Assessments.....	3,480.86	
Premium on Bonds sold.....	146.90	
Cash, Coupons and Interest.....	9,237.83	
Cash, Gain on Bonds sold.....	20.00	\$247,987.91

**Expended.**

Bonds paid and cancelled . . . . .	\$25,000.00	
Expenses . . . . .	50.25	
Accrued Interest . . . . .	223.37	
Loss on Bonds sold . . . . .	5.00	
Balance to 1913 . . . . .	222,709.29	
	<hr/>	
	\$247,987.91	\$247,987.91

**Surface Drainage Loan.**

Balance from 1911 . . . . .	\$25,580.60	
Appropriation . . . . .	3,339.28	
Cash, Coupons and Interest . . . . .	1,135.65	
Premium on Bonds sold . . . . .	60.95	
Gain on Bonds sold . . . . .	44.80	\$30,161.28

**Expended.**

Expenses . . . . .	\$5.25	
Accrued Interest . . . . .	91.25	
Coupons credited in error . . . . .	2.19	
Balance to 1913 . . . . .	30,062.59	
	<hr/>	
	\$30,161.28	\$30,161.28

**Town Hall Loan.**

Balance from 1911 . . . . .	\$45,963.84	
Cash, Coupons and Interest . . . . .	2,003.63	
Gain in Bonds sold . . . . .	22.51	\$47,989.98

**Expended.**

Bonds paid and cancelled . . . . .	\$45,000.00	
City of Melrose pay Coupons . . . . .	1,800.00	
Accrued Interest on Bonds		
Bought . . . . .	485.44	
Expenses . . . . .	5.00	
Loss on Bonds sold . . . . .	344.00	
Transferred to School Sinking		
Funds . . . . .	355.54	
	<hr/>	
	\$47,989.98	\$47,989.98

**Water Loan.**

Balance from 1911 . . . . .	\$171,324.32	
Cash, Coupons and Interest . . . . .	6,429.38	
Gain on Bonds sold . . . . .	27.52	\$177,781.22

**Expended.**

Bonds paid and cancelled . . . . .	\$62,000.00	
Accrued Interest . . . . .	86.13	
Coupons credited in error . . . . .	30.00	
Expenses . . . . .	25.25	
Loss on Bonds sold . . . . .	3.75	
Balance to 1913 . . . . .	115,636.09	
	<hr/>	
	\$177,781.22	\$177,781.22

**Water Loan Serial Premium Fund.**

Balance from 1911 . . . . .	\$180.25	
Premium on Bonds sold . . . . .	221.90	\$402.15

**Expended.**

Cash on Account of Payment of Bonds . . . . .	\$180.25	
Cash to Certification of Bonds . . . . .	75.00	
Balance to 1913 . . . . .	146.90	
	<hr/>	
	\$402.15	\$402.15

**Auditorium Loan Serial Premium Fund.**

Balance from 1911 . . . . .	\$1,310.05
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**Expended.**

Cash on Account of Payment of Bonds . . . . .	\$1,310.05	
	<hr/>	
	\$1,310.05	\$1,310.05

**Park Loan Serial Premium Fund.**

Balance from 1911 . . . . .	\$245.40
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**Expended.**

Cash on Account of Payment of

Bonds.....	\$245.40	
	<hr/>	<hr/>
	\$245.40	\$245.40

**SCHEDULE OF CITY PROPERTY.  
BROWN TAIL AND GYPSY MOTH.**

Personal Property.....	\$599.20
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**CHARITY REPARTMENT.**

Personal Property.....	1,467.80
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**FIRE DEPARTMENT.**

Central Fire Station on City Hall lot	20,000.00
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**Hose No. 3.**

Building.....	\$1,200.00	
10,267 sq. ft. land.....	3,075.00	\$4,275.00

**Hose No. 4.**

Building.....	\$1,800.00	
5,625 sq. ft. land.....	550.00	2,350.00
Personal Property.....		18,843.34
Fire Alarm System.....		16,977.31
		<hr/>
		\$62,445.65

**HEALTH DEPARTMENT.**

Building (Isolation Hospital)...	\$400.00	
Personal Property.....	406.14	806.14



**PARK DEPARTMENT.**

Ell Pond Park. . . . .	\$18,500.00	
Melrose Common, 4-35-100 acres. . . . .	10,000.00	
Sewall Wds. Rd., 9 A-10,001 sq. feet. . . . .	11,250.00	
Strip East Side Ell Pond. . . . .	1,000.00	
Lot Main and Lynde, 5,000 sq. ft. . . . .	1,250.00	
Settees and Bleachers. . . . .	200.00	
Band Stand. . . . .	550.00	
Bath House. . . . .	500.00	
Boat, Life Saving Apparatus. . . . .	100.00	
Playground Apparatus. . . . .	200.00	
Two Fountains in Square. . . . .	50.00	
Six lots different locations. . . . .		
Sanitary. . . . .	70.00	\$43,670.00

**POLICE DEPARTMENT.**

Personal Property. . . . .	\$7,730.28
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**PUBLIC LIBRARY.**

Building. . . . .	\$30,000.00	
30,300 sq. ft. land. . . . .	10,600.00	
Furniture, Fixtures, Tables and Supplies. . . . .	26,300.00	\$66,900.00

**SCHOOL DEPARTMENT.**

Converse School building. . . . .	\$5,000.00	
21,117 sq. ft. land. . . . .	1,050.00	
		\$6,050.00
Franklin School building. . . . .	30,000.00	
32,539 sq. ft. land. . . . .	9,500.00	
		\$39,500.00
Gooch School building. . . . .	\$25,000.00	
27,815 sq. ft. land. . . . .	4,450.00	
		\$29,450.00
High School building. . . . .	\$140,000.00	
116,385 sq. ft. land. . . . .	58,200.00	
		\$198,200.00
Lincoln School building. . . . .	\$30,000.00	
27,604 sq. ft. land. . . . .	6,900.00	
		\$36,900.00

Livermore School building.....	\$17,000.00	
26,555 sq. ft. land.....	6,650.00	
	<hr/>	\$23,650.00
Horace Mann School building...	\$20,000.00	
26,331 sq. ft. land.....	4,475.00	
	<hr/>	\$24,475.00
Ripley School building.....	\$2,200.00	
14,567 sq. ft. land.....	575.00	
	<hr/>	\$2,775.00
Sewall School building.....	\$8,000.00	
14,748 sq. ft. land.....	7,375.00	
	<hr/>	\$15,375.00
Warren School building.....	\$14,000.00	
18,572 sq. ft. land.....	2,300.00	
	<hr/>	\$16,300.00
Washington School building....	\$30,000.00	
30,794 sq. ft. land.....	4,000.00	
	<hr/>	\$34,000.00
West Side School building.....	\$1,000.00	
11,880 sq. ft. land.....	3,325.00	
	<hr/>	\$4,325.00
Whittier School building.....	\$7,500.00	
15,000 sq. ft. land.....	3,000.00	
	<hr/>	\$10,500.00
Winthrop School building.....	\$11,000.00	
26,544 sq. ft. land.....	1,600.00	
	<hr/>	\$12,600.00
Total, buildings and land.....		\$454,100.00
Personal Property.....		73,670.00
		<hr/>
		\$527,770.00

## SUNDRIES.

Old School lot, Chestnut Street, 12,000 sq. ft. land.....	\$2,400.00
Old School lot, Upham Street, 11,400 sq. ft. land.....	675.00
	<hr/>
	\$3,075.00

**SEALER OF WEIGHTS & MEASURES.**

Personal Property.....	\$615.55
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**WYOMING CEMETERY.**

Buildings.....	\$3,500.00	
Office.....	500.00	
47 3-4 acres.....	31,700.00	
Water System.....	950.00	
Personal Property.....	301.00	\$36,951.00

**PUBLIC WORKS DEPARTMENT.**

Auditorium and Soldiers' Memorial Building Land:	
Furniture and Fixtures.....	\$112,000.00

**City Hall.**

Building.....	\$75,000.00	
44,934 sq. ft. land.....	67,400.00	
Furniture Fixtures and Sundries.	9,700.00	\$152,100.00

**HIGHWAY DIVISION.**

Crusher lot, Maple St., 17,326 sq.		
feet land.....	\$1,000.00	
Crusher lot, Linwood Avenue,		
132,877 sq. ft. land.....	3,200.00	
Stone Crusher Plant, Tools, etc. .	4,800.00	
Road Roller, Scrapers, Plows,		
Sprinkling Carts, etc.....	7,102.00	
Horses, Carts, Harnesses, Tools,		
Etc.....	4,456.00	\$20,558.00

**SEWER DIVISION.**

Cost of Construction to Dec. 31,		
1911.....	\$438,632.40	
Additional to Dec. 31, 1912.....	5,139.12	\$443,771.52

**SURFACE DRAINAGE.**

Cost of Construction to Dec. 31,		
1911.....	\$145,213.18	
Additional to Dec. 31, 1912.....	8,376.48	\$153,589.66

## WATER DIVISION.

Cost of Construction to Dec. 31,

1911.....	\$419,017.53	
Additional to Dec. 31, 1912.....	9,802.67	\$428,820.20

## RECAPITULATION.

Brown Tail & Gypsy Moth.....	\$599.20	
Charity Department.....	1,467.80	
Fire Department.....	62,445.65	
Health Department.....	806.14	
Park Department.....	43,670.00	
Police Department.....	7,730.28	
Public Library.....	66,900.00	
School Department.....	527,770.00	
Sundries.....	3,075.00	
Sealer of Weights & Measures...	615.55	
Wyoming Cemetery.....	36,951.00	
Auditorium and Soldiers' Memorial.....	112,000.00	
City Hall.....	152,100.00	
Highway Department.....	20,558.00	
Sewer System.....	443,771.52	
Surface Drainage System.....	153,589.66	
Water Drainage System.....	428,820.20	
		<hr/>
		\$2,062,870.00

# Report of the Cemetery Committee

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*To the Honorable Mayor and Board of Aldermen:—*

Gentlemen:—The Cemtery Committee respectfully submit their report of the receipts and expenditures for the Cemetery Department during the fiancial year ending Dec. 31. 1912

## Receipts.

Foundations.....	163.50	
Single graves.....	147.00	
Interments.....	594.00	
Grading Lots & Labor.....	125.50	
Care of lots.....	1,902.24	
Sale of lots.....	1,708.00	
Slate vaults.....	375.00	
Removals.....	44.00	
Sundries.....	6.50	
Dressing.....	67.50	
Interest of perpetual care lots.....	1,090.36	
		<hr/>
		\$6,223.60

## Expended.

Salary of Supt.....	1,200.00
Salary of Clerk.....	56.10
W. B. Leavitt, services.....	45.20
Bond of Supt.....	5.00
Pay rolls employes & teaming.....	3,814.21
Cement.....	21.45
Committee's salary.....	70.80
Dressing.....	165.87
Freight and teaming.....	43.15
Fuel.....	12.50
Loam and filling.....	466.00
Markers and signs.....	26.50
Miscellaneous.....	9.36
Paints, oil, seeds, plants, and shrubs....	239.75
Removing moth pests.....	38.40
Sods.....	9.30
Sewer, pipe, plumbing, and, labor.....	97.96

Telephone, printing, postage and stationery .....	102.88	
Slate vaults .....	90.00	
Water rates .....	55.86	\$6,569.69
		<hr/>
Payments exceed receipts .....		346.09

Respectfully submitted,

W. C. GOSS,

JOSEPH D. LORD,

L. H. KUNHARDT.

Correct, R. A. LEAVITT, *Supt.*

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